

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062520\
 Data File : VY002994.D
 Acq On : 25 Jun 2020 12:34
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 11:22:16 AM

Quant Time: Jun 25 18:41:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062520S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 25 12:59:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	497298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	568673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	612141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	358620	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	190319	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
35) Dibromofluoromethane	7.72	113	191379	58.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.46%	
50) Toluene-d8	10.18	98	762057	58.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.64%	
62) 4-Bromofluorobenzene	12.48	95	268806	59.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.96%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	151143	48.348	ug/l	100
3) Chloromethane	2.12	50	201873	55.156	ug/l	100
4) Vinyl Chloride	2.26	62	209966	53.987	ug/l	100
5) Bromomethane	2.65	94	153754	53.736	ug/l	100
6) Chloroethane	2.80	64	134623	53.709	ug/l	100
7) Trichlorofluoromethane	3.13	101	405604	57.276	ug/l	100
8) Diethyl Ether	3.54	74	121329	49.130	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	219558	52.439	ug/l	100
10) Methyl Iodide	4.10	142	310675	54.264	ug/l	100
11) Tert butyl alcohol	4.96	59	104093	211.023	ug/l	100
12) 1,1-Dichloroethene	3.88	96	214298	51.882	ug/l	100
13) Acrolein	3.74	56	109450	266.436	ug/l	100
14) Allyl chloride	4.49	41	344378	56.653	ug/l	100
15) Acrylonitrile	5.18	53	281030	238.016	ug/l	100
16) Acetone	3.96	43	247249	247.435	ug/l	100
17) Carbon Disulfide	4.20	76	666464	54.664	ug/l	100
18) Methyl Acetate	4.48	43	126131	42.522	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	574881	51.101	ug/l	100
20) Methylene Chloride	4.72	84	240903	37.031	ug/l	100
21) trans-1,2-Dichloroethene	5.23	96	227301	49.977	ug/l	100
22) Diisopropyl ether	6.13	45	633880	51.932	ug/l	100
23) Vinyl Acetate	6.07	43	2186366	276.145	ug/l	100
24) 1,1-Dichloroethane	6.03	63	369522	51.360	ug/l	100
25) 2-Butanone	6.99	43	346898	232.159	ug/l	100
26) 2,2-Dichloropropane	6.99	77	361834	53.072	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	244547	48.275	ug/l	100
28) Bromochloromethane	7.34	49	149810	50.500	ug/l	100
29) Tetrahydrofuran	7.36	42	232928	240.054	ug/l	100
30) Chloroform	7.52	83	384876	51.032	ug/l	100
31) Cyclohexane	7.79	56	333895	47.974	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	369865	52.850	ug/l	100
36) 1,1-Dichloropropene	7.93	75	297599	61.967	ug/l	100
37) Ethyl Acetate	7.08	43	164071	61.162	ug/l	100
38) Carbon Tetrachloride	7.91	117	368988	67.975	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062520\
 Data File : VY002994.D
 Acq On : 25 Jun 2020 12:34
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 11:22:16 AM

Quant Time: Jun 25 18:41:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062520S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 25 12:59:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	330118	53.987	ug/l	100
40) Benzene	8.16	78	714062	51.922	ug/l	100
41) Methacrylonitrile	7.33	41	84826m	65.057	ug/l	
42) 1,2-Dichloroethane	8.24	62	232394	59.012	ug/l	100
43) Isopropyl Acetate	8.28	43	261134	54.123	ug/l	100
44) Trichloroethene	8.94	130	235530	54.733	ug/l	100
45) 1,2-Dichloropropane	9.22	63	168406	51.059	ug/l	100
46) Dibromomethane	9.31	93	103732	52.411	ug/l	100
47) Bromodichloromethane	9.50	83	261691	55.992	ug/l	100
48) Methyl methacrylate	9.30	41	123029	56.421	ug/l	100
49) 1,4-Dioxane	9.30	88	23869	849.712	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	833750	314.644	ug/l	100
52) Toluene	10.24	92	550466	59.841	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	333541	63.499	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	368277	62.412	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	171513	56.901	ug/l	100
56) Ethyl methacrylate	10.51	69	252161	61.349	ug/l	100
57) 1,3-Dichloropropane	10.79	76	306095	60.220	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	574360	287.709	ug/l	100
59) 2-Hexanone	10.83	43	571288	308.986	ug/l	100
60) Dibromochloromethane	10.99	129	242007	61.836	ug/l	100
61) 1,2-Dibromoethane	11.09	107	172706	57.723	ug/l	100
64) Tetrachloroethene	10.72	164	288804	55.720	ug/l	100
65) Chlorobenzene	11.52	112	626172	53.633	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	250371	56.274	ug/l	100
67) Ethyl Benzene	11.59	91	1086182	53.982	ug/l	100
68) m/p-Xylenes	11.70	106	837453	107.363	ug/l	100
69) o-Xylene	12.03	106	397050	53.987	ug/l	100
70) Styrene	12.04	104	685249	53.942	ug/l	100
71) Bromoform	12.20	173	180277	59.703	ug/l	100
73) Isopropylbenzene	12.33	105	1099077	50.333	ug/l	100
74) N-amyl acetate	12.14	43	316101	55.180	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	197450	48.798	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	148845m	47.967	ug/l	
77) Bromobenzene	12.61	156	309950	53.496	ug/l	100
78) n-propylbenzene	12.67	91	1269160	50.125	ug/l	100
79) 2-Chlorotoluene	12.75	91	711530	50.122	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	960758	52.399	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	74929	46.740	ug/l	100
82) 4-Chlorotoluene	12.85	91	748118	50.096	ug/l	100
83) tert-Butylbenzene	13.08	119	884446	53.579	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	964984	52.329	ug/l	100
85) sec-Butylbenzene	13.25	105	1095702	49.550	ug/l	100
86) p-Isopropyltoluene	13.37	119	1062458	50.973	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	551625	50.922	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	570116	52.251	ug/l	100
89) n-Butylbenzene	13.69	91	977850	51.713	ug/l	100
90) Hexachloroethane	13.96	117	193112	49.906	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	514513	51.963	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	33091	44.449	ug/l	100

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062520\
Data File : VY002994.D
Acq On : 25 Jun 2020 12:34
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
6/26/2020 11:22:16 AM

Quant Time: Jun 25 18:41:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062520S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 25 12:59:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	358306	48.858	ug/l	100
94) Hexachlorobutadiene	15.11	225	249920	57.058	ug/l	100
95) Naphthalene	15.23	128	604506	42.408	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	325686	49.531	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062520\
Data File : VY002994.D
Acq On : 25 Jun 2020 12:34
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
6/26/2020 11:22:16 AM

Quant Time: Jun 25 18:41:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062520S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 25 12:59:58 2020
Response via : Initial Calibration

