

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030920\
 Data File : VY001916.D
 Acq On : 09 Mar 2020 18:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/10/2020 2:56:49 PM

Quant Time: Mar 10 12:23:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	166899	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.69	114	308307	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	275924	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	124867	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	91316	51.25	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	7.73	113	86145	51.17	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.34%	
50) Toluene-d8	10.18	98	359164	50.59	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.48	95	123342	49.97	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	66241	42.997	ug/l	98
3) Chloromethane	2.12	50	97079	46.738	ug/l	99
4) Vinyl Chloride	2.26	62	98747	46.739	ug/l	97
5) Bromomethane	2.66	94	65987	53.935	ug/l	99
6) Chloroethane	2.80	64	64118	48.312	ug/l	95
7) Trichlorofluoromethane	3.13	101	133268	46.511	ug/l	97
8) Diethyl Ether	3.54	74	55813	49.423	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	88859	48.216	ug/l	99
10) Methyl Iodide	4.10	142	102552	48.119	ug/l	99
11) Tert butyl alcohol	4.97	59	42107	224.817	ug/l #	87
12) 1,1-Dichloroethene	3.88	96	87858	47.347	ug/l	94
13) Acrolein	3.74	56	47863	191.162	ug/l	98
14) Allyl chloride	4.49	41	163936	49.834	ug/l	99
15) Acrylonitrile	5.18	53	139864	231.771	ug/l	99
16) Acetone	3.96	43	105654	203.590	ug/l	99
17) Carbon Disulfide	4.21	76	288002	46.170	ug/l	98
18) Methyl Acetate	4.49	43	60301	45.223	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	246140	48.948	ug/l	95
20) Methylene Chloride	4.73	84	107346	48.264	ug/l	93
21) trans-1,2-Dichloroethene	5.24	96	102246	48.546	ug/l	95
22) Diisopropyl ether	6.13	45	343851	50.992	ug/l	98
23) Vinyl Acetate	6.08	43	1086034	245.674	ug/l	99
24) 1,1-Dichloroethane	6.04	63	181748	49.771	ug/l	100
25) 2-Butanone	7.00	43	173539	219.895	ug/l	100
26) 2,2-Dichloropropane	7.00	77	145170	48.436	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	114003	49.760	ug/l	98
28) Bromochloromethane	7.35	49	88821	53.963	ug/l	99
29) Tetrahydrofuran	7.36	42	118690	226.477	ug/l	100
30) Chloroform	7.52	83	171821	50.082	ug/l	99
31) Cyclohexane	7.79	56	181710	46.410	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	144829	50.085	ug/l	98
36) 1,1-Dichloropropene	7.93	75	141363	47.647	ug/l	99
37) Ethyl Acetate	7.09	43	80330	46.586	ug/l	100
38) Carbon Tetrachloride	7.91	117	122862	48.477	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030920\
 Data File : VY001916.D
 Acq On : 09 Mar 2020 18:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/10/2020 2:56:49 PM

Quant Time: Mar 10 12:23:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	186560	47.410	ug/l	96
40) Benzene	8.17	78	427453	48.609	ug/l	99
41) Methacrylonitrile	7.32	41	36712m	47.308	ug/l	
42) 1,2-Dichloroethane	8.25	62	110539	48.782	ug/l	99
43) Isopropyl Acetate	8.28	43	152299	46.651	ug/l	99
44) Trichloroethene	8.94	130	104415	48.754	ug/l	96
45) 1,2-Dichloropropane	9.22	63	109594	49.577	ug/l	97
46) Dibromomethane	9.31	93	54557	47.892	ug/l	99
47) Bromodichloromethane	9.50	83	132275	49.916	ug/l	100
48) Methyl methacrylate	9.30	41	68266	47.125	ug/l	95
49) 1,4-Dioxane	9.30	88	13682	876.519	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	393997	234.309	ug/l	100
52) Toluene	10.25	92	262214	49.085	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	142499	49.358	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	169003	49.173	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	81135	48.666	ug/l	98
56) Ethyl methacrylate	10.51	69	119473	48.891	ug/l	99
57) 1,3-Dichloropropane	10.79	76	141995	47.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	194943	224.988	ug/l	99
59) 2-Hexanone	10.83	43	268558	223.761	ug/l	99
60) Dibromochloromethane	10.99	129	86803	49.411	ug/l	98
61) 1,2-Dibromoethane	11.09	107	74867	47.408	ug/l	99
64) Tetrachloroethene	10.72	164	82640	47.759	ug/l	96
65) Chlorobenzene	11.52	112	265333	48.261	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	90020	49.930	ug/l	99
67) Ethyl Benzene	11.59	91	498716	48.638	ug/l	98
68) m/p-Xylenes	11.70	106	370088	97.627	ug/l	100
69) o-Xylene	12.03	106	177142	49.578	ug/l	98
70) Styrene	12.04	104	305627	49.943	ug/l	99
71) Bromoform	12.20	173	47278	48.353	ug/l #	99
73) Isopropylbenzene	12.33	105	473123	49.635	ug/l	100
74) N-amyl acetate	12.14	43	139891	47.751	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	97639	47.500	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	67346m	45.454	ug/l	
77) Bromobenzene	12.61	156	99394	49.216	ug/l	98
78) n-propylbenzene	12.67	91	586065	49.837	ug/l	100
79) 2-Chlorotoluene	12.75	91	323187	49.744	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	393232	50.111	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	34900	47.580	ug/l	98
82) 4-Chlorotoluene	12.85	91	333512	49.302	ug/l	100
83) tert-Butylbenzene	13.08	119	331110	50.802	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	389291	49.988	ug/l	99
85) sec-Butylbenzene	13.25	105	479368	49.898	ug/l	100
86) p-Isopropyltoluene	13.37	119	414740	50.045	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	194276	49.091	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	195243	48.631	ug/l	99
89) n-Butylbenzene	13.70	91	426371	49.590	ug/l	99
90) Hexachloroethane	13.96	117	79095	50.592	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	177061	49.248	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14695	45.813	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030920\
Data File : VY001916.D
Acq On : 09 Mar 2020 18:16
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/10/2020 2:56:49 PM

Quant Time: Mar 10 12:23:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	112525	48.261	ug/l	98
94) Hexachlorobutadiene	15.11	225	54928	48.320	ug/l	99
95) Naphthalene	15.23	128	260856	47.167	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	99188	48.290	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030920\
Data File : VY001916.D
Acq On : 09 Mar 2020 18:16
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
Client Sample Id :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/10/2020 2:56:49 PM

Quant Time: Mar 10 12:23:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

