

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003581.D
 Acq On : 20 Nov 2020 20:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 1:39:45 PM

Quant Time: Nov 21 03:19:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	141675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	218404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	202339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	101206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	73197	49.76	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.52%
35) Dibromofluoromethane	7.72	113	70305	48.97	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.94%
50) Toluene-d8	10.17	98	266781	47.79	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.58%
62) 4-Bromofluorobenzene	12.48	95	89767	50.67	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.34%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	20109	48.161	ug/l	97
3) Chloromethane	2.11	50	42537	43.281	ug/l	97
4) Vinyl Chloride	2.26	62	60380	47.489	ug/l	96
5) Bromomethane	2.66	94	49022	46.093	ug/l	91
6) Chloroethane	2.80	64	42252	47.387	ug/l	97
7) Trichlorofluoromethane	3.13	101	46316	41.295	ug/l	100
8) Diethyl Ether	3.53	74	41294	50.759	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	60982	47.368	ug/l	99
10) Methyl Iodide	4.09	142	105494	48.257	ug/l	99
11) Tert butyl alcohol	5.00	59	28483	256.180	ug/l #	100
12) 1,1-Dichloroethene	3.88	96	67137	48.129	ug/l	94
13) Acrolein	3.74	56	32940	234.686	ug/l	99
14) Allyl chloride	4.48	41	113152	48.388	ug/l	98
15) Acrylonitrile	5.18	53	96418	251.912	ug/l	99
16) Acetone	3.97	43	85697	174.474	ug/l	95
17) Carbon Disulfide	4.20	76	181016	45.079	ug/l	99
18) Methyl Acetate	4.49	43	55026	51.498	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	107616	51.976	ug/l	98
20) Methylene Chloride	4.72	84	82349	53.911	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	76228	48.874	ug/l	97
22) Diisopropyl ether	6.12	45	210600	52.541	ug/l	98
23) Vinyl Acetate	6.07	43	809925	259.959	ug/l	100
24) 1,1-Dichloroethane	6.02	63	134432	50.389	ug/l	99
25) 2-Butanone	7.00	43	139615	219.059	ug/l	99
26) 2,2-Dichloropropane	6.98	77	74886	42.924	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	84474	49.958	ug/l	99
28) Bromochloromethane	7.34	49	70887	54.279	ug/l	99
29) Tetrahydrofuran	7.35	42	85093	254.857	ug/l	99
30) Chloroform	7.51	83	133256	50.053	ug/l	95
31) Cyclohexane	7.79	56	98049	46.104	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	101987	49.573	ug/l	99
36) 1,1-Dichloropropene	7.92	75	101515	47.213	ug/l	99
37) Ethyl Acetate	7.08	43	61744	47.652	ug/l	98
38) Carbon Tetrachloride	7.90	117	97118	48.758	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003581.D
 Acq On : 20 Nov 2020 20:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 1:39:45 PM

Quant Time: Nov 21 03:19:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.18	83	107117	49.021	ug/l	98
40) Benzene	8.16	78	308585	48.413	ug/l	100
41) Methacrylonitrile	7.32	41	34362	44.855	ug/l	92
42) 1,2-Dichloroethane	8.24	62	90490	49.905	ug/l	100
43) Isopropyl Acetate	8.27	43	119899	50.395	ug/l	98
44) Trichloroethene	8.94	130	83599	48.134	ug/l	99
45) 1,2-Dichloropropane	9.22	63	79799	50.505	ug/l	96
46) Dibromomethane	9.30	93	44114	49.027	ug/l	99
47) Bromodichloromethane	9.50	83	107912	50.492	ug/l	100
48) Methyl methacrylate	9.29	41	56171	49.321	ug/l	99
49) 1,4-Dioxane	9.32	88	10779	1045.531	ug/l #	86
51) 4-Methyl-2-Pentanone	10.07	43	304114	266.703	ug/l	100
52) Toluene	10.24	92	194755	49.903	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	111253	49.736	ug/l	96
54) cis-1,3-Dichloropropene	9.92	75	127427	50.051	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	62467	48.947	ug/l	95
56) Ethyl methacrylate	10.50	69	84687	54.604	ug/l	99
57) 1,3-Dichloropropane	10.79	76	108744	50.342	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	209034	262.633	ug/l	100
59) 2-Hexanone	10.83	43	223793	238.079	ug/l	98
60) Dibromochloromethane	10.98	129	79519	51.532	ug/l	98
61) 1,2-Dibromoethane	11.09	107	62294	50.651	ug/l	98
64) Tetrachloroethene	10.72	164	70782	46.833	ug/l	98
65) Chlorobenzene	11.51	112	211712	48.362	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	64898	51.664	ug/l	99
67) Ethyl Benzene	11.59	91	358477	49.974	ug/l	100
68) m/p-Xylenes	11.70	106	274278	99.854	ug/l	98
69) o-Xylene	12.02	106	115496	52.566	ug/l	99
70) Styrene	12.04	104	228478	51.594	ug/l	99
71) Bromoform	12.20	173	51422	50.692	ug/l #	98
73) Isopropylbenzene	12.33	105	254728	50.529	ug/l	100
74) N-amyl acetate	12.14	43	104329	52.257	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	72048	51.360	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	53861m	54.894	ug/l	
77) Bromobenzene	12.60	156	90360	48.718	ug/l	99
78) n-propylbenzene	12.67	91	357267	50.445	ug/l	100
79) 2-Chlorotoluene	12.75	91	207067	50.652	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	195199	51.518	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	28951	46.906	ug/l	98
82) 4-Chlorotoluene	12.85	91	243160	48.548	ug/l	100
83) tert-Butylbenzene	13.07	119	188836	49.237	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	211765	52.491	ug/l	100
85) sec-Butylbenzene	13.25	105	216739	49.926	ug/l	99
86) p-Isopropyltoluene	13.36	119	199916	51.324	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	165529	49.028	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	168592	48.728	ug/l	99
89) n-Butylbenzene	13.69	91	215792	51.774	ug/l	99
90) Hexachloroethane	13.95	117	50673	49.199	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	138537	51.408	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	9791	53.587	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
Data File : VY003581.D
Acq On : 20 Nov 2020 20:15
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
11/23/2020 1:39:45 PM

Quant Time: Nov 21 03:19:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:00:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	79416	52.546	ug/l	100
94) Hexachlorobutadiene	15.11	225	38907	46.154	ug/l	98
95) Naphthalene	15.23	128	144198	55.911	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	60736	54.667	ug/l	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003581.D
 Acq On : 20 Nov 2020 20:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 Client Sample ID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 1:39:45 PM

Quant Time: Nov 21 03:19:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

