

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
 Data File : VY000762.D
 Acq On : 21 Nov 2019 12:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/23/2019 6:11:07 AM

Quant Time: Nov 22 03:20:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	346270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	604829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	530085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	245539	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	185647	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
35) Dibromofluoromethane	7.73	113	181777	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
50) Toluene-d8	10.18	98	743590	55.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.38%	
62) 4-Bromofluorobenzene	12.48	95	259742	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	155577	45.642	ug/l	100
3) Chloromethane	2.12	50	190485	40.566	ug/l	100
4) Vinyl Chloride	2.25	62	191607	43.942	ug/l	100
5) Bromomethane	2.65	94	118995	45.508	ug/l	90
6) Chloroethane	2.79	64	120897	44.300	ug/l	98
7) Trichlorofluoromethane	3.13	101	296570	50.362	ug/l	94
8) Diethyl Ether	3.53	74	116163	55.516	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	191321	53.740	ug/l	94
10) Methyl Iodide	4.09	142	226212	48.384	ug/l	97
11) Tert butyl alcohol	4.96	59	89323	256.068	ug/l	99
12) 1,1-Dichloroethene	3.88	96	185004	53.487	ug/l	99
13) Acrolein	3.73	56	79161	260.530	ug/l	99
14) Allyl chloride	4.48	41	310939	55.285	ug/l	93
15) Acrylonitrile	5.17	53	300972	280.791	ug/l	98
16) Acetone	3.95	43	270179	273.561	ug/l	91
17) Carbon Disulfide	4.19	76	549581	50.377	ug/l	100
18) Methyl Acetate	4.49	43	164799	53.665	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	523270	54.411	ug/l	97
20) Methylene Chloride	4.72	84	213218	50.383	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	207795	53.140	ug/l	98
22) Diisopropyl ether	6.13	45	641986	52.516	ug/l	92
23) Vinyl Acetate	6.07	43	1992146	258.155	ug/l	96
24) 1,1-Dichloroethane	6.02	63	362968	54.807	ug/l	99
25) 2-Butanone	7.00	43	410233	260.266	ug/l	98
26) 2,2-Dichloropropane	6.99	77	309148	51.080	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	238585	55.799	ug/l	95
28) Bromochloromethane	7.34	49	168866	55.426	ug/l	100
29) Tetrahydrofuran	7.35	42	246943	256.095	ug/l	95
30) Chloroform	7.52	83	357218	53.320	ug/l	99
31) Cyclohexane	7.78	56	355167	51.203	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	303711	50.866	ug/l	98
36) 1,1-Dichloropropene	7.92	75	284701	49.792	ug/l	99
37) Ethyl Acetate	7.08	43	160733	47.349	ug/l #	93
38) Carbon Tetrachloride	7.91	117	263197	47.839	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
 Data File : VY000762.D
 Acq On : 21 Nov 2019 12:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/23/2019 6:11:07 AM

Quant Time: Nov 22 03:20:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	374098	50.643	ug/l	97
40) Benzene	8.16	78	855963	51.062	ug/l	99
41) Methacrylonitrile	7.33	41	99689m	52.641	ug/l	
42) 1,2-Dichloroethane	8.24	62	217778	45.805	ug/l	96
43) Isopropyl Acetate	8.28	43	312139	48.949	ug/l	98
44) Trichloroethene	8.94	130	222196	50.273	ug/l	98
45) 1,2-Dichloropropane	9.22	63	214912	52.091	ug/l	94
46) Dibromomethane	9.31	93	112317	49.501	ug/l	97
47) Bromodichloromethane	9.50	83	270704	50.281	ug/l	98
48) Methyl methacrylate	9.30	41	135090	48.485	ug/l	92
49) 1,4-Dioxane	9.30	88	33059	1082.580	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	810072	238.929	ug/l	93
52) Toluene	10.24	92	521567	49.213	ug/l	96
53) t-1,3-Dichloropropene	10.46	75	299398	52.045	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	345179	52.377	ug/l	93
55) 1,1,2-Trichloroethane	10.64	97	167809	51.133	ug/l	98
56) Ethyl methacrylate	10.51	69	249086	53.550	ug/l	91
57) 1,3-Dichloropropane	10.79	76	295543	51.453	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	574648	273.269	ug/l	99
59) 2-Hexanone	10.83	43	592506	239.857	ug/l	91
60) Dibromochloromethane	10.99	129	184980	49.209	ug/l	99
61) 1,2-Dibromoethane	11.09	107	161705	51.246	ug/l	99
64) Tetrachloroethene	10.72	164	226621	51.703	ug/l	97
65) Chlorobenzene	11.51	112	551095	51.277	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	193488	51.910	ug/l	98
67) Ethyl Benzene	11.59	91	1019777	51.556	ug/l	98
68) m/p-Xylenes	11.70	106	760311	99.314	ug/l	95
69) o-Xylene	12.03	106	364244	50.625	ug/l	97
70) Styrene	12.04	104	629071	51.059	ug/l	98
71) Bromoform	12.20	173	109903	51.264	ug/l	# 98
73) Isopropylbenzene	12.33	105	980225	54.015	ug/l	100
74) N-amyl acetate	12.14	43	264258	50.845	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.58	83	194819	54.219	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	134821m	48.223	ug/l	
77) Bromobenzene	12.61	156	213697	51.928	ug/l	95
78) n-propylbenzene	12.67	91	1200451	54.825	ug/l	100
79) 2-Chlorotoluene	12.75	91	653652	53.773	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	815803	53.977	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	75291	60.381	ug/l	90
82) 4-Chlorotoluene	12.85	91	685554	54.407	ug/l	98
83) tert-Butylbenzene	13.07	119	699140	54.177	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	837484	55.653	ug/l	99
85) sec-Butylbenzene	13.25	105	1007119	54.777	ug/l	100
86) p-Isopropyltoluene	13.37	119	872751	53.261	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	417911	51.847	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	414935	51.515	ug/l	100
89) n-Butylbenzene	13.69	91	885454	54.787	ug/l	99
90) Hexachloroethane	13.95	117	163717	54.044	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	378958	51.817	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	32845	51.650	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
Data File : VY000762.D
Acq On : 21 Nov 2019 12:40
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
11/23/2019 6:11:07 AM

Quant Time: Nov 22 03:20:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	261828	52.580	ug/l	98
94) Hexachlorobutadiene	15.11	225	126563	49.306	ug/l	99
95) Naphthalene	15.23	128	604162	54.653	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	230091	51.503	ug/l	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
 Data File : VY000762.D
 Acq On : 21 Nov 2019 12:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 Client Sample Id :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/23/2019 6:11:07 AM

Quant Time: Nov 22 03:20:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

