

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001759.D
 Acq On : 21 Feb 2020 21:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/24/2020 11:09:41 AM

Quant Time: Feb 22 05:40:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	169164	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	315478	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.51	117	288325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	134308	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.19	65	96395	52.98	ug/l	0.02
Spiked Amount	50.000		Recovery	=	105.96%	
35) Dibromofluoromethane	7.77	113	86482	47.86	ug/l	0.02
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	10.21	98	355725	50.25	ug/l	0.01
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.50	95	131000	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.92	85	86099	52.214	ug/l	95
3) Chloromethane	2.14	50	115969	52.287	ug/l	99
4) Vinyl Chloride	2.27	62	110441	49.369	ug/l	100
5) Bromomethane	2.68	94	75554	54.039	ug/l	97
6) Chloroethane	2.83	64	71002	51.506	ug/l	98
7) Trichlorofluoromethane	3.16	101	148739	51.950	ug/l	96
8) Diethyl Ether	3.57	74	63891	56.606	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.94	101	92025	51.137	ug/l	99
10) Methyl Iodide	4.14	142	110509	50.175	ug/l	100
11) Tert butyl alcohol	5.02	59	56792	271.603	ug/l	99
12) 1,1-Dichloroethene	3.92	96	95093	51.809	ug/l	98
13) Acrolein	3.77	56	38487	209.429	ug/l	98
14) Allyl chloride	4.54	41	181237	55.482	ug/l	99
15) Acrylonitrile	5.22	53	172404	297.996	ug/l	99
16) Acetone	4.00	43	136509	216.817	ug/l	96
17) Carbon Disulfide	4.24	76	305454	49.847	ug/l	99
18) Methyl Acetate	4.53	43	79907	58.279	ug/l	98
19) Methyl tert-butyl Ether	5.28	73	288527	56.460	ug/l	97
20) Methylene Chloride	4.78	84	120760	53.998	ug/l	99
21) trans-1,2-Dichloroethene	5.28	96	109800	52.432	ug/l	99
22) Diisopropyl ether	6.18	45	386307	57.586	ug/l	96
23) Vinyl Acetate	6.12	43	1283719	293.368	ug/l	98
24) 1,1-Dichloroethane	6.08	63	198069	55.243	ug/l	99
25) 2-Butanone	7.04	43	228340	266.973	ug/l	99
26) 2,2-Dichloropropane	7.04	77	153656	49.258	ug/l	100
27) cis-1,2-Dichloroethene	7.04	96	123830	53.571	ug/l	99
28) Bromochloromethane	7.38	49	91779	61.449	ug/l	96
29) Tetrahydrofuran	7.39	42	152091	294.205	ug/l	98
30) Chloroform	7.55	83	189981	54.228	ug/l	100
31) Cyclohexane	7.83	56	187639	49.084	ug/l	99
32) 1,1,1-Trichloroethane	7.75	97	154244	52.385	ug/l	99
36) 1,1-Dichloropropene	7.96	75	150680	50.003	ug/l	99
37) Ethyl Acetate	7.13	43	99388	55.259	ug/l	99
38) Carbon Tetrachloride	7.94	117	130364	49.252	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001759.D
 Acq On : 21 Feb 2020 21:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/24/2020 11:09:41 AM

Quant Time: Feb 22 05:40:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.22	83	192728	48.208	ug/l	99
40) Benzene	8.20	78	467046	52.698	ug/l	99
41) Methacrylonitrile	7.37	41	52795m	58.461	ug/l	
42) 1,2-Dichloroethane	8.28	62	129820	53.768	ug/l	100
43) Isopropyl Acetate	8.31	43	193574	56.724	ug/l	98
44) Trichloroethene	8.97	130	111175	50.251	ug/l	100
45) 1,2-Dichloropropane	9.25	63	119647	53.906	ug/l	99
46) Dibromomethane	9.34	93	64155	55.262	ug/l	97
47) Bromodichloromethane	9.53	83	150018	53.543	ug/l	99
48) Methyl methacrylate	9.32	41	85519	55.411	ug/l	100
49) 1,4-Dioxane	9.33	88	16232	989.954	ug/l	92
51) 4-Methyl-2-Pentanone	10.10	43	500400	285.400	ug/l	99
52) Toluene	10.27	92	285346	51.616	ug/l	98
53) t-1,3-Dichloropropene	10.49	75	165367	53.388	ug/l	98
54) cis-1,3-Dichloropropene	9.96	75	188993	53.014	ug/l	98
55) 1,1,2-Trichloroethane	10.67	97	93909	54.860	ug/l	96
56) Ethyl methacrylate	10.53	69	143400	55.841	ug/l	98
57) 1,3-Dichloropropane	10.81	76	165666	54.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.82	63	247949	257.294	ug/l	98
59) 2-Hexanone	10.86	43	353053	268.370	ug/l	98
60) Dibromochloromethane	11.01	129	100651	53.331	ug/l	100
61) 1,2-Dibromoethane	11.11	107	90419	55.864	ug/l	99
64) Tetrachloroethene	10.74	164	89693	49.555	ug/l	99
65) Chlorobenzene	11.53	112	296567	51.520	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	100426	51.718	ug/l	98
67) Ethyl Benzene	11.61	91	551929	51.667	ug/l	100
68) m/p-Xylenes	11.72	106	409647	102.658	ug/l	99
69) o-Xylene	12.05	106	196435	51.780	ug/l	98
70) Styrene	12.06	104	346907	52.617	ug/l	100
71) Bromoform	12.23	173	58683	52.882	ug/l #	100
73) Isopropylbenzene	12.35	105	523237	51.138	ug/l	98
74) N-amyl acetate	12.16	43	181457	55.569	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.60	83	120540	55.174	ug/l	98
76) 1,2,3-Trichloropropane	12.65	75	81704m	53.031	ug/l	
77) Bromobenzene	12.63	156	114854	51.781	ug/l	99
78) n-propylbenzene	12.69	91	642864	51.588	ug/l	99
79) 2-Chlorotoluene	12.77	91	366810	52.482	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	435364	51.402	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	43042	53.001	ug/l	96
82) 4-Chlorotoluene	12.87	91	382186	51.847	ug/l	100
83) tert-Butylbenzene	13.09	119	356297	50.298	ug/l	99
84) 1,2,4-Trimethylbenzene	13.14	105	441349	52.268	ug/l	100
85) sec-Butylbenzene	13.27	105	526939	50.578	ug/l	100
86) p-Isopropyltoluene	13.39	119	457976	50.601	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	221237	51.430	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	221040	50.833	ug/l	99
89) n-Butylbenzene	13.71	91	466843	50.479	ug/l	99
90) Hexachloroethane	13.98	117	87110	51.083	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	205109	51.666	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	19226	53.324	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
Data File : VY001759.D
Acq On : 21 Feb 2020 21:23
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/24/2020 11:09:41 AM

Quant Time: Feb 22 05:40:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	129407	49.190	ug/l	99
94) Hexachlorobutadiene	15.13	225	61768	47.211	ug/l	98
95) Naphthalene	15.25	128	316845	52.235	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	116256	50.230	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
Data File : VY001759.D
Acq On : 21 Feb 2020 21:23
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/24/2020 11:09:41 AM

Quant Time: Feb 22 05:40:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

