

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003405.D
 Acq On : 03 Aug 2020 10:03
 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
 8/4/2020 1:51:07 PM

Quant Time: Aug 04 01:44:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	526535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	759052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	701285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	372990	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	265363	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
35) Dibromofluoromethane	7.72	113	243542	54.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.94%	
50) Toluene-d8	10.18	98	957429	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	
62) 4-Bromofluorobenzene	12.48	95	323973	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	184924	42.891	ug/l	99
3) Chloromethane	2.12	50	261785	44.333	ug/l	97
4) Vinyl Chloride	2.26	62	264004	44.537	ug/l	100
5) Bromomethane	2.65	94	205222	46.866	ug/l	97
6) Chloroethane	2.80	64	167252	44.981	ug/l	98
7) Trichlorofluoromethane	3.13	101	364905	45.588	ug/l	99
8) Diethyl Ether	3.54	74	123855	44.436	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	221183	46.262	ug/l	100
10) Methyl Iodide	4.10	142	218284	39.327	ug/l	100
11) Tert butyl alcohol	4.96	59	111365	226.394	ug/l	100
12) 1,1-Dichloroethene	3.88	96	215420	46.446	ug/l	96
13) Acrolein	3.74	56	118400	224.705	ug/l	98
14) Allyl chloride	4.49	41	358332	46.127	ug/l	99
15) Acrylonitrile	5.17	53	319485	231.024	ug/l	99
16) Acetone	3.95	43	321215	259.681	ug/l	100
17) Carbon Disulfide	4.19	76	695862	46.022	ug/l	100
18) Methyl Acetate	4.48	43	142456	43.651	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	598434	46.675	ug/l	97
20) Methylene Chloride	4.72	84	266025	41.391	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	242345	46.221	ug/l	92
22) Diisopropyl ether	6.13	45	760677	46.607	ug/l	96
23) Vinyl Acetate	6.07	43	2541165	237.665	ug/l	99
24) 1,1-Dichloroethane	6.02	63	427530	46.744	ug/l	99
25) 2-Butanone	6.99	43	451991	239.780	ug/l	99
26) 2,2-Dichloropropane	6.99	77	381150	46.703	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	264620	45.929	ug/l	98
28) Bromochloromethane	7.34	49	177667	49.938	ug/l	99
29) Tetrahydrofuran	7.35	42	284439	231.275	ug/l	99
30) Chloroform	7.51	83	424128	46.752	ug/l	98
31) Cyclohexane	7.78	56	392124	44.187	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	382284	46.186	ug/l	99
36) 1,1-Dichloropropene	7.93	75	343080	47.763	ug/l	99
37) Ethyl Acetate	7.08	43	197073	48.251	ug/l	99
38) Carbon Tetrachloride	7.90	117	355132	48.047	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003405.D
 Acq On : 03 Aug 2020 10:03
 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
 8/4/2020 1:51:07 PM

Quant Time: Aug 04 01:44:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	416677	47.542	ug/l	99
40) Benzene	8.16	78	949475	47.641	ug/l	100
41) Methacrylonitrile	7.33	41	111153m	47.471	ug/l	
42) 1,2-Dichloroethane	8.24	62	286834	47.255	ug/l	99
43) Isopropyl Acetate	8.28	43	363163	47.109	ug/l	99
44) Trichloroethene	8.94	130	271617	47.387	ug/l	99
45) 1,2-Dichloropropane	9.22	63	248665	47.644	ug/l	99
46) Dibromomethane	9.30	93	136214	46.517	ug/l	99
47) Bromodichloromethane	9.50	83	338981	48.040	ug/l	99
48) Methyl methacrylate	9.29	41	169086	48.591	ug/l	99
49) 1,4-Dioxane	9.30	88	35594	939.164	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	965044	238.876	ug/l	100
52) Toluene	10.24	92	596906	47.754	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	362234	48.368	ug/l	98
54) cis-1,3-Dichloropropene	9.92	75	409877	48.293	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	196396	47.816	ug/l	97
56) Ethyl methacrylate	10.51	69	275204	48.398	ug/l	97
57) 1,3-Dichloropropane	10.79	76	340199	47.659	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	684558	259.914	ug/l	99
59) 2-Hexanone	10.83	43	705862	250.708	ug/l	100
60) Dibromochloromethane	10.99	129	250347	48.535	ug/l	99
61) 1,2-Dibromoethane	11.09	107	188851	47.460	ug/l	99
64) Tetrachloroethene	10.72	164	273847	46.710	ug/l	98
65) Chlorobenzene	11.52	112	653980	47.522	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	254930	47.626	ug/l	100
67) Ethyl Benzene	11.59	91	1187841	47.870	ug/l	99
68) m/p-Xylenes	11.70	106	896481	95.833	ug/l	99
69) o-Xylene	12.03	106	422787	48.280	ug/l	100
70) Styrene	12.04	104	730710	48.767	ug/l	99
71) Bromoform	12.20	173	165362	47.539	ug/l	98
73) Isopropylbenzene	12.33	105	1159807	48.112	ug/l	100
74) N-amyl acetate	12.14	43	343269	48.314	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	229620	48.089	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	161358m	48.156	ug/l	
77) Bromobenzene	12.61	156	294586	48.095	ug/l	99
78) n-propylbenzene	12.67	91	1391298	48.222	ug/l	99
79) 2-Chlorotoluene	12.75	91	760881	47.531	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	973110	48.080	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	84874	47.905	ug/l #	74
82) 4-Chlorotoluene	12.85	91	801524	48.184	ug/l	99
83) tert-Butylbenzene	13.07	119	868180	49.408	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	977048	48.029	ug/l	100
85) sec-Butylbenzene	13.25	105	1186304	48.536	ug/l	99
86) p-Isopropyltoluene	13.37	119	1111509	48.621	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	561628	48.003	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	553894	48.017	ug/l	100
89) n-Butylbenzene	13.69	91	1053089	48.745	ug/l	100
90) Hexachloroethane	13.96	117	212973	48.632	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	495508	47.978	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	35199	45.756	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
Data File : VY003405.D
Acq On : 03 Aug 2020 10:03
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
8/4/2020 1:51:07 PM

Quant Time: Aug 04 01:44:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 31 13:09:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	352746	48.197	ug/l	98
94) Hexachlorobutadiene	15.11	225	229476	47.345	ug/l	100
95) Naphthalene	15.23	128	592354	47.780	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	281161	47.483	ug/l	99

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

