

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011320\
 Data File : VY001168.D
 Acq On : 13 Jan 2020 09:25
 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

apatel
 1/14/2020 12:47:15 PM

Quant Time: Jan 14 10:30:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	214234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	367443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	320970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	152484	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	113600	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	7.73	113	106472	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	10.18	98	440536	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.48	95	167743	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	82230	49.979	ug/l	99
3) Chloromethane	2.12	50	120030	50.612	ug/l	98
4) Vinyl Chloride	2.26	62	125453	52.508	ug/l	98
5) Bromomethane	2.65	94	73746	57.463	ug/l	98
6) Chloroethane	2.80	64	74368	53.878	ug/l	98
7) Trichlorofluoromethane	3.13	101	167428	50.345	ug/l	96
8) Diethyl Ether	3.54	74	64721	50.084	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	110504	51.621	ug/l	98
10) Methyl Iodide	4.10	142	152595	52.079	ug/l	99
11) Tert butyl alcohol	4.96	59	52384	230.101	ug/l	99
12) 1,1-Dichloroethene	3.88	96	113276	51.722	ug/l	95
13) Acrolein	3.74	56	48789	238.055	ug/l	97
14) Allyl chloride	4.49	41	193612	52.379	ug/l	100
15) Acrylonitrile	5.18	53	159644	247.017	ug/l	99
16) Acetone	3.96	43	127986	243.555	ug/l	96
17) Carbon Disulfide	4.20	76	371245	52.374	ug/l	99
18) Methyl Acetate	4.49	43	79051	45.500	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	302260	49.894	ug/l	100
20) Methylene Chloride	4.72	84	124092	50.756	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	129692	52.225	ug/l	98
22) Diisopropyl ether	6.13	45	395078	52.330	ug/l	98
23) Vinyl Acetate	6.07	43	1253749	259.663	ug/l	99
24) 1,1-Dichloroethane	6.03	63	216065	52.276	ug/l	99
25) 2-Butanone	7.00	43	202386	247.462	ug/l	100
26) 2,2-Dichloropropane	6.99	77	196846	51.791	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	141842	52.127	ug/l	99
28) Bromochloromethane	7.34	49	90645	53.407	ug/l	99
29) Tetrahydrofuran	7.35	42	137305	244.981	ug/l	99
30) Chloroform	7.52	83	211035	52.110	ug/l	99
31) Cyclohexane	7.79	56	218968	50.036	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	186266	51.837	ug/l	100
36) 1,1-Dichloropropene	7.92	75	175072	52.276	ug/l	100
37) Ethyl Acetate	7.08	43	92201	46.911	ug/l	99
38) Carbon Tetrachloride	7.91	117	161165	52.510	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	234097	51.559	ug/l	98
40) Benzene	8.17	78	512319	52.406	ug/l	99
41) Methacrylonitrile	7.32	41	48390m	52.413	ug/l	
42) 1,2-Dichloroethane	8.24	62	142755	52.150	ug/l	100
43) Isopropyl Acetate	8.28	43	188407	50.130	ug/l	100
44) Trichloroethene	8.94	130	135391	53.150	ug/l	99
45) 1,2-Dichloropropane	9.22	63	126397	52.299	ug/l	98
46) Dibromomethane	9.31	93	68043	51.600	ug/l	99
47) Bromodichloromethane	9.50	83	166796	51.902	ug/l	99
48) Methyl methacrylate	9.30	41	85956	49.423	ug/l	99
49) 1,4-Dioxane	9.30	88	15877	988.671	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	465314	244.000	ug/l	100
52) Toluene	10.24	92	328513	52.687	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	188222	52.340	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	212735	52.469	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	99632	50.965	ug/l	98
56) Ethyl methacrylate	10.51	69	149318	49.933	ug/l	99
57) 1,3-Dichloropropane	10.79	76	172212	51.314	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	243533	231.551	ug/l	99
59) 2-Hexanone	10.83	43	340326	254.639	ug/l	100
60) Dibromochloromethane	10.99	129	117330	52.128	ug/l	100
61) 1,2-Dibromoethane	11.09	107	95772	50.173	ug/l	100
64) Tetrachloroethene	10.72	164	107347	51.882	ug/l	98
65) Chlorobenzene	11.52	112	336565	52.478	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	118472	53.596	ug/l	100
67) Ethyl Benzene	11.59	91	627226	53.461	ug/l	99
68) m/p-Xylenes	11.70	106	482095	108.929	ug/l	100
69) o-Xylene	12.03	106	229412	54.064	ug/l	99
70) Styrene	12.05	104	400666	53.814	ug/l	99
71) Bromoform	12.20	173	71223	52.247	ug/l	99
73) Isopropylbenzene	12.33	105	614681	53.621	ug/l	100
74) N-amyl acetate	12.14	43	179124	50.070	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	121516	50.384	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	85722m	52.514	ug/l	
77) Bromobenzene	12.61	156	132461	52.294	ug/l	99
78) n-propylbenzene	12.67	91	738462	53.556	ug/l	100
79) 2-Chlorotoluene	12.75	91	422018	53.293	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	512745	53.608	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	48909	50.809	ug/l #	97
82) 4-Chlorotoluene	12.85	91	454590	53.773	ug/l	100
83) tert-Butylbenzene	13.07	119	440909	54.860	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	509365	53.626	ug/l	100
85) sec-Butylbenzene	13.25	105	614141	53.117	ug/l	99
86) p-Isopropyltoluene	13.37	119	538357	53.629	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	253262	52.869	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	259847	52.705	ug/l	99
89) n-Butylbenzene	13.69	91	532387	52.656	ug/l	100
90) Hexachloroethane	13.96	117	103116	52.570	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	234799	52.739	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	20667	47.504	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	143505	48.923	ug/l	98
94) Hexachlorobutadiene	15.11	225	72530	49.081	ug/l	99
95) Naphthalene	15.23	128	324627	47.537	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	125519	48.553	ug/l	100

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

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