

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012720\
 Data File : VY001399.D
 Acq On : 27 Jan 2020 12:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 3:40:27 PM

Quant Time: Jan 27 13:58:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	201120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	351705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	316000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	150502	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	115383	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
35) Dibromofluoromethane	7.75	113	105484	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	10.19	98	437616	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
62) 4-Bromofluorobenzene	12.49	95	167184	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	80206	50.570	ug/l	100
3) Chloromethane	2.13	50	122348	51.040	ug/l	97
4) Vinyl Chloride	2.27	62	121261	48.514	ug/l	97
5) Bromomethane	2.66	94	77601	46.099	ug/l	97
6) Chloroethane	2.82	64	78268	49.005	ug/l	98
7) Trichlorofluoromethane	3.15	101	162853	50.923	ug/l	99
8) Diethyl Ether	3.55	74	64758	47.969	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	107087	52.581	ug/l	100
10) Methyl Iodide	4.12	142	129949	48.378	ug/l	100
11) Tert butyl alcohol	5.00	59	59625	213.916	ug/l	99
12) 1,1-Dichloroethene	3.90	96	105530	49.420	ug/l	93
13) Acrolein	3.76	56	43825	271.082	ug/l	98
14) Allyl chloride	4.51	41	190372	49.992	ug/l	99
15) Acrylonitrile	5.20	53	175026	253.280	ug/l	100
16) Acetone	3.97	43	162321	282.547	ug/l	97
17) Carbon Disulfide	4.22	76	320404	47.708	ug/l	100
18) Methyl Acetate	4.50	43	89581	48.539	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	311385	49.802	ug/l	99
20) Methylene Chloride	4.75	84	124223	45.593	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	121648	49.043	ug/l	99
22) Diisopropyl ether	6.15	45	401134	49.606	ug/l	97
23) Vinyl Acetate	6.10	43	1339076	255.075	ug/l	100
24) 1,1-Dichloroethane	6.05	63	213025	49.979	ug/l	98
25) 2-Butanone	7.02	43	244478	256.658	ug/l	99
26) 2,2-Dichloropropane	7.02	77	187400	49.359	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	138373	49.916	ug/l	99
28) Bromochloromethane	7.36	49	97994	55.749	ug/l	99
29) Tetrahydrofuran	7.38	42	154959	250.050	ug/l	99
30) Chloroform	7.53	83	211367	50.593	ug/l	98
31) Cyclohexane	7.81	56	210786	49.809	ug/l	99
32) 1,1,1-Trichloroethane	7.73	97	182539	51.747	ug/l	99
36) 1,1-Dichloropropene	7.94	75	170789	51.400	ug/l	99
37) Ethyl Acetate	7.10	43	103679	51.071	ug/l	100
38) Carbon Tetrachloride	7.92	117	155646	52.560	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	222684	52.315	ug/l	98
40) Benzene	8.18	78	506033	50.792	ug/l	99
41) Methacrylonitrile	7.34	41	49665m	47.408	ug/l	
42) 1,2-Dichloroethane	8.26	62	143637	51.597	ug/l	100
43) Isopropyl Acetate	8.29	43	206689	52.360	ug/l	99
44) Trichloroethene	8.96	130	130125	50.897	ug/l	100
45) 1,2-Dichloropropane	9.23	63	129967	51.603	ug/l	99
46) Dibromomethane	9.32	93	69193	51.174	ug/l	98
47) Bromodichloromethane	9.51	83	167408	51.793	ug/l	100
48) Methyl methacrylate	9.31	41	92727	51.672	ug/l	98
49) 1,4-Dioxane	9.31	88	20205	1059.663	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	534870	263.107	ug/l	100
52) Toluene	10.25	92	326403	51.683	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	190136	53.072	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	214750	52.224	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	103226	51.724	ug/l	98
56) Ethyl methacrylate	10.52	69	158599	52.580	ug/l	98
57) 1,3-Dichloropropane	10.80	76	182665	52.543	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	234305	224.483	ug/l	100
59) 2-Hexanone	10.84	43	386821	273.324	ug/l	99
60) Dibromochloromethane	10.99	129	117671	52.718	ug/l	99
61) 1,2-Dibromoethane	11.10	107	99495	52.737	ug/l	99
64) Tetrachloroethene	10.73	164	102451	50.756	ug/l	96
65) Chlorobenzene	11.52	112	333051	50.001	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	117833	51.838	ug/l	99
67) Ethyl Benzene	11.60	91	630058	51.328	ug/l	99
68) m/p-Xylenes	11.70	106	471768	102.902	ug/l	100
69) o-Xylene	12.03	106	223973	50.783	ug/l	99
70) Styrene	12.05	104	399201	51.588	ug/l	100
71) Bromoform	12.22	173	70709	52.110	ug/l #	100
73) Isopropylbenzene	12.33	105	614775	51.767	ug/l	99
74) N-amyl acetate	12.15	43	202833	52.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	133645	52.546	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	96535m	53.230	ug/l	
77) Bromobenzene	12.61	156	133256	50.660	ug/l	98
78) n-propylbenzene	12.68	91	751070	52.543	ug/l	99
79) 2-Chlorotoluene	12.76	91	423276	51.834	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	519820	52.438	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	51580	53.822	ug/l	96
82) 4-Chlorotoluene	12.86	91	450021	51.592	ug/l	100
83) tert-Butylbenzene	13.08	119	442843	52.997	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	513033	51.549	ug/l	100
85) sec-Butylbenzene	13.26	105	633025	53.321	ug/l	100
86) p-Isopropyltoluene	13.38	119	550712	52.639	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	260330	51.389	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	263698	51.267	ug/l	99
89) n-Butylbenzene	13.70	91	562145	53.389	ug/l	99
90) Hexachloroethane	13.97	117	107791	54.354	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	238362	51.020	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22649	51.606	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	155393	49.557	ug/l	100
94) Hexachlorobutadiene	15.12	225	77268	50.608	ug/l	98
95) Naphthalene	15.24	128	373298	52.064	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	136138	49.493	ug/l	99

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

