

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
 Data File : VY001131.D
 Acq On : 02 Jan 2020 11:46
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 1/3/2020 11:12:14 AM

Quant Time: Jan 02 13:08:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y010220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 02 12:11:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	369216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	599295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	521114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	247767	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	152952	42.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.80%	
35) Dibromofluoromethane	7.73	113	169861	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
50) Toluene-d8	10.18	98	625532	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	
62) 4-Bromofluorobenzene	12.48	95	226231	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	150737	46.856	ug/l	100
3) Chloromethane	2.12	50	88619	22.132	ug/l	100
4) Vinyl Chloride	2.26	62	94237	24.086	ug/l	100
5) Bromomethane	2.65	94	69892	28.691	ug/l	100
6) Chloroethane	2.80	64	59583	24.517	ug/l	100
7) Trichlorofluoromethane	3.13	101	238548	39.214	ug/l	100
8) Diethyl Ether	3.54	74	76541	31.784	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	154870	38.907	ug/l	100
10) Methyl Iodide	4.10	142	272305	48.087	ug/l	100
11) Tert butyl alcohol	4.97	59	75402	193.186	ug/l	100
12) 1,1-Dichloroethene	3.88	96	160899	39.790	ug/l	100
13) Acrolein	3.74	56	57143	127.351	ug/l	100
14) Allyl chloride	4.49	41	221155	35.788	ug/l	100
15) Acrylonitrile	5.19	53	231913	189.200	ug/l	100
16) Acetone	3.96	43	111090	140.441	ug/l	100
17) Carbon Disulfide	4.21	76	555903	41.864	ug/l	100
18) Methyl Acetate	4.49	43	99695	32.420	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	463639	43.897	ug/l	100
20) Methylene Chloride	4.73	84	214021	43.422	ug/l	100
21) trans-1,2-Dichloroethene	5.23	96	216180	47.027	ug/l	100
22) Diisopropyl ether	6.13	45	436172	35.065	ug/l	100
23) Vinyl Acetate	6.08	43	1367523	174.600	ug/l	100
24) 1,1-Dichloroethane	6.03	63	300331	40.049	ug/l	100
25) 2-Butanone	7.00	43	230323	164.436	ug/l	100
26) 2,2-Dichloropropane	6.99	77	285235	45.280	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	234488	46.533	ug/l	100
28) Bromochloromethane	7.35	49	108387	37.968	ug/l	100
29) Tetrahydrofuran	7.36	42	154306	155.697	ug/l	100
30) Chloroform	7.52	83	316576	43.955	ug/l	100
31) Cyclohexane	7.79	56	293610	37.270	ug/l	100
32) 1,1,1-Trichloroethane	7.72	97	302388	48.317	ug/l	100
36) 1,1-Dichloropropene	7.93	75	265543	46.447	ug/l	100
37) Ethyl Acetate	7.08	43	109586	36.004	ug/l	100
38) Carbon Tetrachloride	7.91	117	277914	53.945	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	366869	48.094	ug/l	100
40) Benzene	8.17	78	812739	47.048	ug/l	100
41) Methacrylonitrile	7.33	41	41408m	32.489	ug/l	
42) 1,2-Dichloroethane	8.25	62	191060	46.560	ug/l	100
43) Isopropyl Acetate	8.28	43	205781	36.571	ug/l	100
44) Trichloroethene	8.95	130	241949	52.096	ug/l	100
45) 1,2-Dichloropropane	9.22	63	177489	41.849	ug/l	100
46) Dibromomethane	9.31	93	102021	46.103	ug/l	100
47) Bromodichloromethane	9.50	83	230444	45.118	ug/l	100
48) Methyl methacrylate	9.30	41	85759	35.969	ug/l	100
49) 1,4-Dioxane	9.30	88	29355	908.408	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	465489	161.297	ug/l	100
52) Toluene	10.24	92	483015	45.770	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	245169	44.379	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	273595	41.511	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	157374	47.230	ug/l	100
56) Ethyl methacrylate	10.51	69	201914	43.471	ug/l	100
57) 1,3-Dichloropropane	10.79	76	255701	44.306	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	308493	173.434	ug/l	100
59) 2-Hexanone	10.83	43	363677	179.764	ug/l	100
60) Dibromochloromethane	10.99	129	187786	52.023	ug/l	100
61) 1,2-Dibromoethane	11.09	107	157444	49.216	ug/l	100
64) Tetrachloroethene	10.72	164	251298	53.988	ug/l	100
65) Chlorobenzene	11.52	112	556819	50.619	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	197603	54.046	ug/l	100
67) Ethyl Benzene	11.59	91	985653	50.106	ug/l	100
68) m/p-Xylenes	11.70	106	764246	101.862	ug/l	100
69) o-Xylene	12.03	106	361142	51.172	ug/l	100
70) Styrene	12.04	104	623015	51.905	ug/l	100
71) Bromoform	12.20	173	111747	54.950	ug/l #	100
73) Isopropylbenzene	12.33	105	946807	48.936	ug/l	100
74) N-amyl acetate	12.14	43	179597	37.157	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	160710	43.169	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	142439m	46.808	ug/l	
77) Bromobenzene	12.61	156	220846	50.375	ug/l	100
78) n-propylbenzene	12.67	91	1117543	47.570	ug/l	100
79) 2-Chlorotoluene	12.75	91	608283	46.993	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	788571	49.630	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	63228	44.739	ug/l	100
82) 4-Chlorotoluene	12.85	91	620971	46.360	ug/l	100
83) tert-Butylbenzene	13.07	119	682906	50.804	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	775335	48.712	ug/l	100
85) sec-Butylbenzene	13.25	105	959752	48.851	ug/l	100
86) p-Isopropyltoluene	13.37	119	854706	50.156	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	413046	49.327	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	417018	49.333	ug/l	100
89) n-Butylbenzene	13.69	91	795597	46.976	ug/l	100
90) Hexachloroethane	13.96	117	158092	49.566	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	380447	49.301	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26026	41.976	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	258878	49.617	ug/l	100
94) Hexachlorobutadiene	15.11	225	133069	52.936	ug/l	100
95) Naphthalene	15.23	128	574414	47.301	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	231737	49.806	ug/l	100

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

