

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002528.D
 Acq On : 04 May 2020 10:07
 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
 5/5/2020 11:28:57 AM

Quant Time: May 04 14:46:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	389094	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	572929	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	511851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	264071	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	162255	49.60	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	99.20%	
35) Dibromofluoromethane	7.72	113	162570	49.62	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	99.24%	
50) Toluene-d8	10.18	98	636933	49.78	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.49	95	213301	49.13	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	181390	56.190	ug/l	99
3) Chloromethane	2.12	50	185816	58.945	ug/l	99
4) Vinyl Chloride	2.26	62	212757	58.449	ug/l	99
5) Bromomethane	2.65	94	133499	53.182	ug/l	99
6) Chloroethane	2.80	64	115903	53.326	ug/l	99
7) Trichlorofluoromethane	3.13	101	303985	53.884	ug/l	99
8) Diethyl Ether	3.54	74	102609	54.124	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	184379	53.475	ug/l	99
10) Methyl Iodide	4.10	142	248327	52.865	ug/l	100
11) Tert butyl alcohol	4.96	59	84650	251.494	ug/l	99
12) 1,1-Dichloroethene	3.88	96	182275	54.418	ug/l	99
13) Acrolein	3.74	56	77056	331.065	ug/l	98
14) Allyl chloride	4.49	41	267040	54.718	ug/l	99
15) Acrylonitrile	5.18	53	246664	275.900	ug/l	100
16) Acetone	3.96	43	200950	297.624	ug/l	98
17) Carbon Disulfide	4.20	76	566423	56.211	ug/l	100
18) Methyl Acetate	4.49	43	120636	53.475	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	475292	54.388	ug/l	97
20) Methylene Chloride	4.72	84	192217	50.909	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	198825	54.310	ug/l	97
22) Diisopropyl ether	6.13	45	528439	53.515	ug/l	98
23) Vinyl Acetate	6.07	43	1707399	274.937	ug/l	99
24) 1,1-Dichloroethane	6.03	63	310323	53.121	ug/l	100
25) 2-Butanone	6.99	43	297663	269.322	ug/l	96
26) 2,2-Dichloropropane	6.99	77	290753	52.361	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	214352	52.916	ug/l	100
28) Bromochloromethane	7.35	49	129116	53.944	ug/l	99
29) Tetrahydrofuran	7.35	42	203282	277.997	ug/l	99
30) Chloroform	7.52	83	320678	52.794	ug/l	99
31) Cyclohexane	7.79	56	301696	51.306	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	299218	52.999	ug/l	100
36) 1,1-Dichloropropene	7.92	75	258841	53.892	ug/l	100
37) Ethyl Acetate	7.08	43	137763	55.817	ug/l	99
38) Carbon Tetrachloride	7.91	117	282765	53.925	ug/l	98

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39) Methylcyclohexane	9.19	83	342396	53.974	ug/l	99
40) Benzene	8.17	78	742477	53.524	ug/l	100
41) Methacrylonitrile	7.33	41	83167m	62.672	ug/l	
42) 1,2-Dichloroethane	8.24	62	206281	53.014	ug/l	99
43) Isopropyl Acetate	8.28	43	256244	55.380	ug/l	100
44) Trichloroethene	8.94	130	233044	53.757	ug/l	96
45) 1,2-Dichloropropane	9.22	63	177936	53.148	ug/l	100
46) Dibromomethane	9.31	93	104327	54.161	ug/l	99
47) Bromodichloromethane	9.50	83	252701	53.953	ug/l	100
48) Methyl methacrylate	9.30	41	116089	55.438	ug/l	99
49) 1,4-Dioxane	9.30	88	29224	1145.850	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	665909	279.215	ug/l	100
52) Toluene	10.25	92	471364	52.873	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	270186	55.057	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	306785	54.076	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	151611	53.973	ug/l	100
56) Ethyl methacrylate	10.51	69	206332	55.215	ug/l	99
57) 1,3-Dichloropropane	10.79	76	253354	53.185	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	548700	278.437	ug/l	99
59) 2-Hexanone	10.83	43	459752	280.085	ug/l	100
60) Dibromochloromethane	10.99	129	192703	53.938	ug/l	100
61) 1,2-Dibromoethane	11.09	107	149787	53.853	ug/l	99
64) Tetrachloroethene	10.72	164	253628	55.770	ug/l	99
65) Chlorobenzene	11.52	112	520980	53.542	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	196803	54.487	ug/l	99
67) Ethyl Benzene	11.60	91	918429	53.735	ug/l	99
68) m/p-Xylenes	11.70	106	712999	107.814	ug/l	99
69) o-Xylene	12.03	106	335668	54.209	ug/l	99
70) Styrene	12.05	104	580720	54.860	ug/l	99
71) Bromoform	12.21	173	126998	56.650	ug/l #	100
73) Isopropylbenzene	12.33	105	907263	53.012	ug/l	100
74) N-amyl acetate	12.14	43	232811	56.550	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	144413	53.058	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	135807m	57.871	ug/l	
77) Bromobenzene	12.61	156	227301	53.159	ug/l	99
78) n-propylbenzene	12.67	91	1061774	53.461	ug/l	100
79) 2-Chlorotoluene	12.76	91	583296	53.020	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	762076	53.719	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	66754	57.039	ug/l #	74
82) 4-Chlorotoluene	12.86	91	613511	53.089	ug/l	99
83) tert-Butylbenzene	13.08	119	680249	54.687	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	757796	53.598	ug/l	100
85) sec-Butylbenzene	13.25	105	923405	53.498	ug/l	100
86) p-Isopropyltoluene	13.38	119	867403	53.632	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	433177	53.527	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	425722	53.126	ug/l	99
89) n-Butylbenzene	13.70	91	790147	53.667	ug/l	100
90) Hexachloroethane	13.97	117	159833	54.267	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	383057	53.046	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	28159	55.501	ug/l	99

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93) 1,2,4-Trichlorobenzene	15.02	180	280485	53.500	ug/l	100
94) Hexachlorobutadiene	15.12	225	167368	53.184	ug/l	99
95) Naphthalene	15.24	128	525490	54.945	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	237556	53.376	ug/l	100

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

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