

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040620\
 Data File : VY002226.D
 Acq On : 06 Apr 2020 10:10
 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
 4/7/2020 7:06:00 PM

Quant Time: Apr 07 04:41:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	169562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	306064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	270081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	123558	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	91123	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	7.74	113	87846	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	10.19	98	359987	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.49	95	126190	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	50534	45.738	ug/l	98
3) Chloromethane	2.13	50	82337	41.552	ug/l	99
4) Vinyl Chloride	2.27	62	86804	43.072	ug/l	99
5) Bromomethane	2.66	94	60717	46.165	ug/l	99
6) Chloroethane	2.81	64	58492	45.201	ug/l	95
7) Trichlorofluoromethane	3.15	101	132783	48.080	ug/l	100
8) Diethyl Ether	3.55	74	57356	49.034	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	90004	49.673	ug/l	98
10) Methyl Iodide	4.11	142	105020	48.743	ug/l	99
11) Tert butyl alcohol	4.99	59	51409	232.732	ug/l	98
12) 1,1-Dichloroethene	3.90	96	91543	49.755	ug/l	96
13) Acrolein	3.76	56	75394	273.084	ug/l	100
14) Allyl chloride	4.51	41	161999	48.096	ug/l	99
15) Acrylonitrile	5.19	53	153842	250.926	ug/l	99
16) Acetone	3.97	43	150660	286.084	ug/l	94
17) Carbon Disulfide	4.22	76	291294	47.706	ug/l	99
18) Methyl Acetate	4.50	43	64212	46.955	ug/l	95
19) Methyl tert-butyl Ether	5.25	73	259842	50.625	ug/l	96
20) Methylene Chloride	4.74	84	105461	48.183	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	105129	50.184	ug/l	97
22) Diisopropyl ether	6.14	45	333773	48.422	ug/l	96
23) Vinyl Acetate	6.08	43	1100610	243.498	ug/l	98
24) 1,1-Dichloroethane	6.05	63	182521	49.802	ug/l	99
25) 2-Butanone	7.01	43	211370	261.390	ug/l	98
26) 2,2-Dichloropropane	7.00	77	151629	50.234	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	115233	50.000	ug/l	99
28) Bromochloromethane	7.35	49	80670	48.214	ug/l	96
29) Tetrahydrofuran	7.36	42	128294	241.985	ug/l	97
30) Chloroform	7.53	83	173064	49.819	ug/l	99
31) Cyclohexane	7.80	56	176920	45.303	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	146447	50.492	ug/l	98
36) 1,1-Dichloropropene	7.94	75	144200	49.811	ug/l	99
37) Ethyl Acetate	7.10	43	84053	48.046	ug/l	98
38) Carbon Tetrachloride	7.92	117	126374	51.453	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	186962	49.236	ug/l	96
40) Benzene	8.17	78	423782	49.420	ug/l	98
41) Methacrylonitrile	7.34	41	49380m	55.803	ug/l	
42) 1,2-Dichloroethane	8.25	62	111871	49.139	ug/l	100
43) Isopropyl Acetate	8.28	43	158471	48.806	ug/l	98
44) Trichloroethene	8.96	130	106738	51.637	ug/l	96
45) 1,2-Dichloropropane	9.23	63	109617	50.204	ug/l	99
46) Dibromomethane	9.32	93	56633	50.506	ug/l	97
47) Bromodichloromethane	9.51	83	135369	51.858	ug/l	97
48) Methyl methacrylate	9.30	41	71544	49.169	ug/l	98
49) 1,4-Dioxane	9.31	88	14943	971.131	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	415514	248.522	ug/l	98
52) Toluene	10.25	92	262899	50.689	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	148907	51.395	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	174370	51.117	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	84717	51.047	ug/l	98
56) Ethyl methacrylate	10.52	69	124955	51.550	ug/l	96
57) 1,3-Dichloropropane	10.80	76	146858	50.085	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	323875	260.029	ug/l	98
59) 2-Hexanone	10.84	43	305802	259.650	ug/l	97
60) Dibromochloromethane	10.99	129	92071	53.017	ug/l	100
61) 1,2-Dibromoethane	11.10	107	79089	50.915	ug/l	100
64) Tetrachloroethene	10.73	164	88372	53.480	ug/l	97
65) Chlorobenzene	11.52	112	267407	51.292	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	91137	52.253	ug/l	99
67) Ethyl Benzene	11.60	91	503314	51.980	ug/l	98
68) m/p-Xylenes	11.71	106	374608	104.637	ug/l	98
69) o-Xylene	12.03	106	174811	51.474	ug/l	99
70) Styrene	12.05	104	306449	52.075	ug/l	100
71) Bromoform	12.22	173	52397	54.849	ug/l #	99
73) Isopropylbenzene	12.34	105	471894	51.485	ug/l	100
74) N-amyl acetate	12.15	43	143701	49.710	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	102533	51.986	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	63319m	45.813	ug/l	
77) Bromobenzene	12.62	156	102540	52.407	ug/l	97
78) n-propylbenzene	12.68	91	585242	51.453	ug/l	100
79) 2-Chlorotoluene	12.77	91	317324	50.811	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	393350	52.017	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	38781	54.361	ug/l	97
82) 4-Chlorotoluene	12.86	91	335708	51.012	ug/l	100
83) tert-Butylbenzene	13.08	119	324843	51.464	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	389847	51.671	ug/l	99
85) sec-Butylbenzene	13.26	105	482814	51.642	ug/l	100
86) p-Isopropyltoluene	13.38	119	419832	52.292	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	195907	51.182	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	198833	51.622	ug/l	99
89) n-Butylbenzene	13.70	91	423544	50.632	ug/l	99
90) Hexachloroethane	13.97	117	81333	53.762	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	181457	51.335	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	15576	49.302	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	114771	50.375	ug/l	98
94) Hexachlorobutadiene	15.12	225	56105	49.888	ug/l	97
95) Naphthalene	15.25	128	277867	51.349	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	101966	49.353	ug/l	98

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

