

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002152.D
 Acq On : 01 Apr 2020 10:46
 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
 4/2/2020 10:12:54 AM

Quant Time: Apr 02 06:30:54 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	158434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	285034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	259629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	117720	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	84759	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
35) Dibromofluoromethane	7.74	113	79084	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	10.19	98	331007	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.49	95	115205	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	46701	45.138	ug/l	95
3) Chloromethane	2.13	50	77782	42.010	ug/l	98
4) Vinyl Chloride	2.27	62	83274	44.223	ug/l	98
5) Bromomethane	2.67	94	59467	48.391	ug/l	98
6) Chloroethane	2.81	64	57209	47.314	ug/l	97
7) Trichlorofluoromethane	3.15	101	121616	47.129	ug/l	98
8) Diethyl Ether	3.55	74	50169	45.902	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	80661	47.643	ug/l	99
10) Methyl Iodide	4.12	142	95060	47.220	ug/l	100
11) Tert butyl alcohol	4.98	59	47685	231.035	ug/l	96
12) 1,1-Dichloroethene	3.90	96	81180	47.221	ug/l	97
13) Acrolein	3.76	56	74538	288.946	ug/l	98
14) Allyl chloride	4.51	41	149954	47.647	ug/l	99
15) Acrylonitrile	5.20	53	136201	237.756	ug/l	99
16) Acetone	3.97	43	134873	274.095	ug/l	97
17) Carbon Disulfide	4.22	76	268387	47.042	ug/l	99
18) Methyl Acetate	4.50	43	58159	45.516	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	225280	46.974	ug/l	99
20) Methylene Chloride	4.75	84	95700	46.630	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	94413	48.234	ug/l	99
22) Diisopropyl ether	6.14	45	312148	48.465	ug/l	97
23) Vinyl Acetate	6.09	43	1014995	240.329	ug/l	98
24) 1,1-Dichloroethane	6.05	63	165767	48.407	ug/l	99
25) 2-Butanone	7.01	43	190185	251.711	ug/l	99
26) 2,2-Dichloropropane	7.01	77	139155	49.340	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	103675	48.145	ug/l	99
28) Bromochloromethane	7.36	49	74526	47.670	ug/l	99
29) Tetrahydrofuran	7.38	42	114372	230.877	ug/l	100
30) Chloroform	7.53	83	157153	48.416	ug/l	99
31) Cyclohexane	7.80	56	166566	45.648	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	131953	48.690	ug/l	100
36) 1,1-Dichloropropene	7.94	75	131036	48.603	ug/l	99
37) Ethyl Acetate	7.10	43	75548	46.371	ug/l	99
38) Carbon Tetrachloride	7.93	117	115670	50.569	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	176351	49.868	ug/l	98
40) Benzene	8.18	78	391852	49.068	ug/l	98
41) Methacrylonitrile	7.35	41	39612m	48.067	ug/l	
42) 1,2-Dichloroethane	8.26	62	103152	48.652	ug/l	99
43) Isopropyl Acetate	8.29	43	144272	47.711	ug/l	99
44) Trichloroethene	8.96	130	95809	49.770	ug/l	99
45) 1,2-Dichloropropane	9.23	63	100411	49.381	ug/l	99
46) Dibromomethane	9.32	93	52047	49.840	ug/l	99
47) Bromodichloromethane	9.51	83	122365	50.335	ug/l	98
48) Methyl methacrylate	9.31	41	63428	46.807	ug/l	99
49) 1,4-Dioxane	9.31	88	12764	890.723	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	381054	244.726	ug/l	99
52) Toluene	10.25	92	240384	49.767	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	136410	50.555	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	160107	50.398	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	76934	49.778	ug/l	99
56) Ethyl methacrylate	10.52	69	110357	48.886	ug/l	98
57) 1,3-Dichloropropane	10.80	76	134230	49.156	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	302016	260.369	ug/l	99
59) 2-Hexanone	10.85	43	275973	251.611	ug/l	98
60) Dibromochloromethane	11.00	129	82812	51.204	ug/l	100
61) 1,2-Dibromoethane	11.10	107	71448	49.389	ug/l	98
64) Tetrachloroethene	10.73	164	78606	49.485	ug/l	97
65) Chlorobenzene	11.53	112	247788	49.442	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	84657	50.491	ug/l	99
67) Ethyl Benzene	11.60	91	460711	49.496	ug/l	100
68) m/p-Xylenes	11.72	106	342116	99.408	ug/l	100
69) o-Xylene	12.04	106	160425	49.140	ug/l	99
70) Styrene	12.06	104	281836	49.820	ug/l	100
71) Bromoform	12.22	173	46774	50.934	ug/l #	99
73) Isopropylbenzene	12.34	105	437378	50.086	ug/l	100
74) N-amyl acetate	12.16	43	128679	46.721	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	91819	48.863	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	64991m	49.355	ug/l	
77) Bromobenzene	12.62	156	93003	49.890	ug/l	99
78) n-propylbenzene	12.69	91	546781	50.456	ug/l	100
79) 2-Chlorotoluene	12.77	91	297316	49.969	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	363117	50.400	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	33776	49.693	ug/l	99
82) 4-Chlorotoluene	12.87	91	311057	49.610	ug/l	98
83) tert-Butylbenzene	13.09	119	307354	51.108	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	360462	50.146	ug/l	100
85) sec-Butylbenzene	13.27	105	447454	50.234	ug/l	99
86) p-Isopropyltoluene	13.38	119	388382	50.774	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	180179	49.407	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	181235	49.386	ug/l	99
89) n-Butylbenzene	13.71	91	397805	49.913	ug/l	100
90) Hexachloroethane	13.97	117	74820	51.909	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	163366	48.509	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	13743	45.657	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	104707	48.237	ug/l	98
94) Hexachlorobutadiene	15.13	225	51563	48.123	ug/l	100
95) Naphthalene	15.25	128	239063	46.369	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	92077	46.777	ug/l	100

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

