

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040920\
 Data File : VY002263.D
 Acq On : 09 Apr 2020 10:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 10 08:46:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	169974	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	305178	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	271761	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	123262	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	96304	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
35) Dibromofluoromethane	7.74	113	94566	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
50) Toluene-d8	10.19	98	397737	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.49	95	132371	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	85613	49.837	ug/l 96
3) Chloromethane	2.13	50	103842	48.030	ug/l 100
4) Vinyl Chloride	2.27	62	110420	47.983	ug/l 99
5) Bromomethane	2.67	94	69153	48.662	ug/l 98
6) Chloroethane	2.81	64	64964	48.950	ug/l 96
7) Trichlorofluoromethane	3.15	101	141062	47.465	ug/l 98
8) Diethyl Ether	3.55	74	59026	46.720	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	97666	48.380	ug/l 99
10) Methyl Iodide	4.12	142	112098	47.771	ug/l 99
11) Tert butyl alcohol	4.99	59	44696	217.637	ug/l 97
12) 1,1-Dichloroethene	3.90	96	96947	47.236	ug/l 99
13) Acrolein	3.76	56	54913	225.311	ug/l 99
14) Allyl chloride	4.51	41	162727	49.099	ug/l 100
15) Acrylonitrile	5.20	53	147863	228.860	ug/l 100
16) Acetone	3.97	43	147155	295.578	ug/l 98
17) Carbon Disulfide	4.22	76	328397	48.179	ug/l 98
18) Methyl Acetate	4.51	43	70169	45.439	ug/l 99
19) Methyl tert-butyl Ether	5.25	73	250805	46.483	ug/l 99
20) Methylene Chloride	4.75	84	108634	44.394	ug/l 98
21) trans-1,2-Dichloroethene	5.25	96	109054	47.339	ug/l 95
22) Diisopropyl ether	6.15	45	324835	48.703	ug/l 98
23) Vinyl Acetate	6.09	43	1028546	241.989	ug/l 98
24) 1,1-Dichloroethane	6.05	63	183546	48.382	ug/l 99
25) 2-Butanone	7.01	43	202066	256.468	ug/l 95
26) 2,2-Dichloropropane	7.01	77	150364	47.382	ug/l 100
27) cis-1,2-Dichloroethene	7.01	96	118427	47.159	ug/l 99
28) Bromochloromethane	7.36	49	80420	49.107	ug/l 97
29) Tetrahydrofuran	7.37	42	119091	228.667	ug/l 98
30) Chloroform	7.54	83	170312	47.625	ug/l 96
31) Cyclohexane	7.81	56	187962	47.201	ug/l 98
32) 1,1,1-Trichloroethane	7.72	97	143750	48.294	ug/l 99
36) 1,1-Dichloropropene	7.94	75	147650	49.119	ug/l 99
37) Ethyl Acetate	7.10	43	78476	45.699	ug/l 99
38) Carbon Tetrachloride	7.93	117	126229	49.093	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	196793	48.127	ug/l	99
40) Benzene	8.18	78	434055	47.593	ug/l	98
41) Methacrylonitrile	7.35	41	47464m	46.854	ug/l	
42) 1,2-Dichloroethane	8.26	62	107397	47.538	ug/l	100
43) Isopropyl Acetate	8.29	43	146425	46.753	ug/l	100
44) Trichloroethene	8.96	130	123846	46.188	ug/l	96
45) 1,2-Dichloropropane	9.24	63	111450	49.252	ug/l	99
46) Dibromomethane	9.32	93	54986	46.474	ug/l	98
47) Bromodichloromethane	9.52	83	132145	48.676	ug/l	97
48) Methyl methacrylate	9.31	41	68433	48.731	ug/l	96
49) 1,4-Dioxane	9.32	88	15242	910.714	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	386082	236.575	ug/l	98
52) Toluene	10.26	92	266122	48.419	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	145578	49.217	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	173222	48.712	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	82633	47.704	ug/l	98
56) Ethyl methacrylate	10.52	69	118289	47.846	ug/l	99
57) 1,3-Dichloropropane	10.80	76	143971	47.287	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	323656	252.807	ug/l	99
59) 2-Hexanone	10.85	43	278112	245.546	ug/l	100
60) Dibromochloromethane	11.00	129	90047	48.752	ug/l	99
61) 1,2-Dibromoethane	11.10	107	78207	47.425	ug/l	100
64) Tetrachloroethene	10.73	164	132144	48.095	ug/l	96
65) Chlorobenzene	11.53	112	271764	48.107	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	90864	48.718	ug/l	98
67) Ethyl Benzene	11.60	91	507823	49.104	ug/l	99
68) m/p-Xylenes	11.71	106	376386	97.171	ug/l	100
69) o-Xylene	12.04	106	176944	48.657	ug/l	99
70) Styrene	12.05	104	308252	48.858	ug/l	100
71) Bromoform	12.22	173	49576	48.878	ug/l #	99
73) Isopropylbenzene	12.34	105	473987	48.947	ug/l	100
74) N-amyl acetate	12.15	43	131619	47.882	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	59581	50.855	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	61594m	43.032	ug/l	
77) Bromobenzene	12.62	156	101255	47.527	ug/l	98
78) n-propylbenzene	12.68	91	586571	48.704	ug/l	100
79) 2-Chlorotoluene	12.77	91	316493	48.356	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	391729	48.914	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	36110	49.068	ug/l	97
82) 4-Chlorotoluene	12.86	91	327087	47.681	ug/l	99
83) tert-Butylbenzene	13.08	119	325765	48.562	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	386748	48.360	ug/l	100
85) sec-Butylbenzene	13.26	105	485352	48.569	ug/l	100
86) p-Isopropyltoluene	13.38	119	421412	48.997	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	194955	47.217	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	194605	46.432	ug/l	98
89) n-Butylbenzene	13.70	91	426675	48.398	ug/l	100
90) Hexachloroethane	13.97	117	79518	48.518	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	177349	47.270	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	13171	46.482	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	111614	45.514	ug/l	99
94) Hexachlorobutadiene	15.13	225	57616	46.648	ug/l	99
95) Naphthalene	15.25	128	240022	44.702	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	93648	43.979	ug/l	98

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

