

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051920\
 Data File : VY002714.D
 Acq On : 19 May 2020 11:13
 Operator : SY/MD
 Sample : VY0519SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBS01

Quant Time: May 20 08:27:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	361204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	532534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	486986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	251263	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	145805	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
35) Dibromofluoromethane	7.72	113	155762	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
50) Toluene-d8	10.18	98	633428	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
62) 4-Bromofluorobenzene	12.48	95	212482	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	56110	21.678	ug/l	96
3) Chloromethane	2.12	50	64259	21.678	ug/l	99
4) Vinyl Chloride	2.26	62	69332	22.446	ug/l	96
5) Bromomethane	2.65	94	48270	21.085	ug/l	97
6) Chloroethane	2.79	64	41552	21.037	ug/l	99
7) Trichlorofluoromethane	3.13	101	108754	20.892	ug/l	98
8) Diethyl Ether	3.54	74	36905	20.841	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	65839	20.865	ug/l	99
10) Methyl Iodide	4.10	142	86615	19.942	ug/l	99
11) Tert butyl alcohol	4.96	59	27589	96.151	ug/l	99
12) 1,1-Dichloroethene	3.88	96	66626	21.029	ug/l	96
13) Acrolein	3.74	56	32098	95.375	ug/l	96
14) Allyl chloride	4.49	41	95547	21.006	ug/l	98
15) Acrylonitrile	5.18	53	79727	99.435	ug/l	99
16) Acetone	3.96	43	56161	96.424	ug/l	99
17) Carbon Disulfide	4.20	76	205139	20.642	ug/l	99
18) Methyl Acetate	4.48	43	33904	20.416	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	159978	20.357	ug/l	100
20) Methylene Chloride	4.72	84	70801	20.110	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	72267	20.513	ug/l	98
22) Diisopropyl ether	6.12	45	188596	20.899	ug/l	95
23) Vinyl Acetate	6.07	43	590843	102.250	ug/l	99
24) 1,1-Dichloroethane	6.03	63	113070	20.968	ug/l	99
25) 2-Butanone	6.99	43	94447	98.008	ug/l	95
26) 2,2-Dichloropropane	6.99	77	104306	20.789	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	78240	20.553	ug/l	98
28) Bromochloromethane	7.35	49	46285	21.698	ug/l	100
29) Tetrahydrofuran	7.35	42	65764	100.300	ug/l	100
30) Chloroform	7.51	83	116203	20.763	ug/l	96
31) Cyclohexane	7.79	56	111053	20.305	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	107391	20.767	ug/l	100
36) 1,1-Dichloropropene	7.93	75	95090	21.093	ug/l	100
37) Ethyl Acetate	7.08	43	45076	20.329	ug/l	98
38) Carbon Tetrachloride	7.90	117	100709	20.785	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	122220	20.163	ug/l	99
40) Benzene	8.16	78	274019	20.832	ug/l	99
41) Methacrylonitrile	7.32	41	23064m	17.313	ug/l	
42) 1,2-Dichloroethane	8.24	62	69144	19.930	ug/l	99
43) Isopropyl Acetate	8.28	43	84326	20.464	ug/l	99
44) Trichloroethene	8.94	130	86506	20.632	ug/l	96
45) 1,2-Dichloropropane	9.22	63	65507	20.983	ug/l	97
46) Dibromomethane	9.31	93	35629	20.313	ug/l	98
47) Bromodichloromethane	9.50	83	87322	20.399	ug/l	99
48) Methyl methacrylate	9.30	41	37134	19.572	ug/l	99
49) 1,4-Dioxane	9.30	88	9567	400.489	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	216956	101.975	ug/l	99
52) Toluene	10.24	92	175662	20.636	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	93664	20.500	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	109640	20.700	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	53780	20.595	ug/l	98
56) Ethyl methacrylate	10.51	69	70915	20.399	ug/l	98
57) 1,3-Dichloropropane	10.79	76	89488	20.450	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	170312	99.240	ug/l	100
59) 2-Hexanone	10.83	43	148655	100.290	ug/l	99
60) Dibromochloromethane	10.99	129	68782	20.618	ug/l	99
61) 1,2-Dibromoethane	11.09	107	53363	20.742	ug/l	99
64) Tetrachloroethene	10.72	164	97233	21.031	ug/l	97
65) Chlorobenzene	11.52	112	196773	20.910	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	71570	20.492	ug/l	99
67) Ethyl Benzene	11.59	91	342617	20.736	ug/l	98
68) m/p-Xylenes	11.70	106	264825	41.197	ug/l	99
69) o-Xylene	12.03	106	124420	20.622	ug/l	100
70) Styrene	12.05	104	214759	20.732	ug/l	100
71) Bromoform	12.20	173	43694	20.239	ug/l #	99
73) Isopropylbenzene	12.33	105	342867	20.884	ug/l	100
74) N-amyl acetate	12.14	43	79169	20.549	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	48931	20.239	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	41753m	20.229	ug/l	
77) Bromobenzene	12.61	156	85599	20.854	ug/l	99
78) n-propylbenzene	12.67	91	405078	21.209	ug/l	100
79) 2-Chlorotoluene	12.75	91	220959	20.859	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	285931	20.727	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	22393	20.518	ug/l #	77
82) 4-Chlorotoluene	12.85	91	231446	20.858	ug/l	100
83) tert-Butylbenzene	13.08	119	251375	20.589	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	288682	20.939	ug/l	100
85) sec-Butylbenzene	13.25	105	354056	21.015	ug/l	100
86) p-Isopropyltoluene	13.37	119	330333	20.947	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	164734	20.815	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	166382	21.117	ug/l	100
89) n-Butylbenzene	13.70	91	304022	20.993	ug/l	99
90) Hexachloroethane	13.96	117	60652	20.765	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	146008	20.571	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8937	19.276	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	107047	18.944	ug/l	99
94) Hexachlorobutadiene	15.11	225	66327	19.481	ug/l	99
95) Naphthalene	15.23	128	183819	18.805	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	90326	18.615	ug/l	100

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

