

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
 Data File : VY003354.D
 Acq On : 27 Jul 2020 14:11
 Operator : SY/MD
 Sample : VY0727SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

Quant Time: Jul 28 05:19:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	503120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	743066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	675344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	363679	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	200414	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	
35) Dibromofluoromethane	7.72	113	196523	45.96	ug/l	0.00
Spiked Amount			Recovery	=	91.92%	
50) Toluene-d8	10.18	98	710190	44.67	ug/l	0.00
Spiked Amount			Recovery	=	89.34%	
62) 4-Bromofluorobenzene	12.48	95	258545	45.02	ug/l	0.00
Spiked Amount			Recovery	=	90.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	78952	21.895	ug/l	94
3) Chloromethane	2.12	50	105963	21.185	ug/l	98
4) Vinyl Chloride	2.26	62	109652	21.366	ug/l	99
5) Bromomethane	2.65	94	89205	23.402	ug/l	100
6) Chloroethane	2.79	64	71326	21.160	ug/l	100
7) Trichlorofluoromethane	3.13	101	162772	22.209	ug/l	96
8) Diethyl Ether	3.54	74	55671	22.668	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	96983	21.910	ug/l	98
10) Methyl Iodide	4.10	142	93645	19.473	ug/l	100
11) Tert butyl alcohol	4.97	59	64921	141.384	ug/l #	94
12) 1,1-Dichloroethene	3.88	96	91771	21.920	ug/l	98
13) Acrolein	3.74	56	29509	74.039	ug/l	97
14) Allyl chloride	4.49	41	146618	23.601	ug/l	97
15) Acrylonitrile	5.17	53	141408	119.866	ug/l	99
16) Acetone	3.96	43	114311	120.512	ug/l	94
17) Carbon Disulfide	4.20	76	281659	21.924	ug/l	97
18) Methyl Acetate	4.49	43	66118	25.100	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	257224	21.924	ug/l	97
20) Methylene Chloride	4.72	84	137159	26.114	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	103116	21.776	ug/l	91
22) Diisopropyl ether	6.12	45	317916	23.059	ug/l	98
23) Vinyl Acetate	6.07	43	1041904	113.379	ug/l	100
24) 1,1-Dichloroethane	6.02	63	181374	22.707	ug/l	99
25) 2-Butanone	7.00	43	186176	119.541	ug/l	98
26) 2,2-Dichloropropane	6.99	77	167199	23.243	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	112541	21.586	ug/l	94
28) Bromochloromethane	7.34	49	78304	22.643	ug/l	98
29) Tetrahydrofuran	7.35	42	123686	118.218	ug/l	96
30) Chloroform	7.51	83	180876	21.986	ug/l	98
31) Cyclohexane	7.78	56	170838	22.118	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	163802	22.117	ug/l	100
36) 1,1-Dichloropropene	7.92	75	143302	21.278	ug/l	99
37) Ethyl Acetate	7.08	43	82452	22.734	ug/l	99
38) Carbon Tetrachloride	7.90	117	150506	21.648	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	176874	20.907	ug/l	97
40) Benzene	8.16	78	399174	21.526	ug/l	97
41) Methacrylonitrile	7.33	41	52517m	24.043	ug/l	
42) 1,2-Dichloroethane	8.24	62	121421	21.269	ug/l	100
43) Isopropyl Acetate	8.27	43	155122	22.097	ug/l	99
44) Trichloroethene	8.94	130	115840	20.378	ug/l	88
45) 1,2-Dichloropropane	9.22	63	105238	21.933	ug/l	100
46) Dibromomethane	9.31	93	58905	21.019	ug/l	99
47) Bromodichloromethane	9.50	83	143925	21.593	ug/l	98
48) Methyl methacrylate	9.30	41	71082	22.649	ug/l	94
49) 1,4-Dioxane	9.30	88	16178	454.844	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	409784	112.304	ug/l	98
52) Toluene	10.24	92	250576	21.141	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	152392	22.067	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	171312	21.530	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	86123	21.687	ug/l	96
56) Ethyl methacrylate	10.51	69	116476	21.573	ug/l	98
57) 1,3-Dichloropropane	10.79	76	144842	21.511	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	313106	113.712	ug/l	99
59) 2-Hexanone	10.83	43	285114	111.933	ug/l	99
60) Dibromochloromethane	10.99	129	107482	21.519	ug/l	99
61) 1,2-Dibromoethane	11.09	107	81300	20.743	ug/l	96
64) Tetrachloroethene	10.72	164	116380	19.327	ug/l	98
65) Chlorobenzene	11.52	112	276098	21.222	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	107589	21.292	ug/l	99
67) Ethyl Benzene	11.59	91	501306	21.581	ug/l	98
68) m/p-Xylenes	11.70	106	375620	42.616	ug/l	100
69) o-Xylene	12.03	106	176320	21.413	ug/l	99
70) Styrene	12.04	104	303401	21.539	ug/l	99
71) Bromoform	12.20	173	71937	21.691	ug/l #	99
73) Isopropylbenzene	12.33	105	490402	21.160	ug/l	100
74) N-amyl acetate	12.14	43	141489	21.758	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	99522	22.234	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	70800m	21.993	ug/l	
77) Bromobenzene	12.61	156	123624	20.926	ug/l	99
78) n-propylbenzene	12.67	91	587413	21.502	ug/l	99
79) 2-Chlorotoluene	12.75	91	322602	21.165	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	408668	21.157	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	34810	21.045	ug/l	98
82) 4-Chlorotoluene	12.85	91	339863	21.363	ug/l	100
83) tert-Butylbenzene	13.07	119	365378	21.437	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	410071	21.099	ug/l	99
85) sec-Butylbenzene	13.25	105	503228	21.482	ug/l	100
86) p-Isopropyltoluene	13.37	119	467732	21.384	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	234455	20.987	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	236183	21.354	ug/l	99
89) n-Butylbenzene	13.69	91	444998	21.629	ug/l	100
90) Hexachloroethane	13.96	117	88127	22.124	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	212176	21.642	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	16408	22.611	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	151262	21.688	ug/l	100
94) Hexachlorobutadiene	15.11	225	100558	21.041	ug/l	99
95) Naphthalene	15.23	128	258479	22.425	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	122091	22.145	ug/l	99

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

