

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
 Data File : VY003355.D
 Acq On : 27 Jul 2020 14:34
 Operator : SY/MD
 Sample : VY0727SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

Quant Time: Jul 28 05:22:20 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	513453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	755577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	692251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	373190	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	207041	47.77	ug/l	0.00
Spiked Amount			Recovery	=	95.54%	
35) Dibromofluoromethane	7.72	113	202038	46.47	ug/l	0.00
Spiked Amount			Recovery	=	92.94%	
50) Toluene-d8	10.18	98	736655	45.57	ug/l	0.00
Spiked Amount			Recovery	=	91.14%	
62) 4-Bromofluorobenzene	12.48	95	271126	46.43	ug/l	0.00
Spiked Amount			Recovery	=	92.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	78991	21.464	ug/l	99
3) Chloromethane	2.11	50	109579	21.467	ug/l	100
4) Vinyl Chloride	2.26	62	109657	20.937	ug/l	99
5) Bromomethane	2.64	94	86684	22.283	ug/l	98
6) Chloroethane	2.80	64	69704	20.263	ug/l	96
7) Trichlorofluoromethane	3.13	101	159577	21.335	ug/l	99
8) Diethyl Ether	3.54	74	54445	21.723	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.90	101	96512	21.365	ug/l	97
10) Methyl Iodide	4.10	142	95366	19.432	ug/l	98
11) Tert butyl alcohol	4.96	59	62354	133.061	ug/l #	87
12) 1,1-Dichloroethene	3.88	96	90621	21.210	ug/l	94
13) Acrolein	3.74	56	27151	66.752	ug/l	99
14) Allyl chloride	4.49	41	145927	23.017	ug/l	95
15) Acrylonitrile	5.18	53	138906	115.376	ug/l	99
16) Acetone	3.96	43	112667	116.389	ug/l	98
17) Carbon Disulfide	4.20	76	275188	20.989	ug/l	100
18) Methyl Acetate	4.49	43	64954	24.162	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	256211	21.398	ug/l	99
20) Methylene Chloride	4.73	84	141946	26.569	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	102576	21.226	ug/l	97
22) Diisopropyl ether	6.12	45	317135	22.539	ug/l	97
23) Vinyl Acetate	6.07	43	1029030	109.724	ug/l	98
24) 1,1-Dichloroethane	6.02	63	177811	21.813	ug/l	98
25) 2-Butanone	6.99	43	180893	113.812	ug/l	99
26) 2,2-Dichloropropane	6.99	77	164837	22.454	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	114327	21.487	ug/l	98
28) Bromochloromethane	7.34	49	79537	22.536	ug/l	96
29) Tetrahydrofuran	7.35	42	119798	112.198	ug/l	97
30) Chloroform	7.52	83	181368	21.602	ug/l	92
31) Cyclohexane	7.79	56	169386	21.489	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	163503	21.632	ug/l	98
36) 1,1-Dichloropropene	7.92	75	141787	20.705	ug/l	100
37) Ethyl Acetate	7.08	43	82588	22.394	ug/l	99
38) Carbon Tetrachloride	7.91	117	146467	20.718	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	174086	20.236	ug/l	95
40) Benzene	8.16	78	401225	21.278	ug/l	98
41) Methacrylonitrile	7.33	41	49573m	22.319	ug/l	
42) 1,2-Dichloroethane	8.24	62	120482	20.755	ug/l	99
43) Isopropyl Acetate	8.28	43	151549	21.230	ug/l	99
44) Trichloroethene	8.94	130	113983	19.719	ug/l	96
45) 1,2-Dichloropropane	9.22	63	103911	21.297	ug/l	97
46) Dibromomethane	9.31	93	57060	20.023	ug/l	98
47) Bromodichloromethane	9.50	83	142057	20.960	ug/l	100
48) Methyl methacrylate	9.30	41	68747	21.542	ug/l	96
49) 1,4-Dioxane	9.30	88	15184	419.829	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	401449	108.198	ug/l	99
52) Toluene	10.24	92	249779	20.725	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	146933	20.924	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	171443	21.190	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	84063	20.818	ug/l	98
56) Ethyl methacrylate	10.51	69	115575	21.052	ug/l	96
57) 1,3-Dichloropropane	10.79	76	145160	21.201	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	313559	111.990	ug/l	99
59) 2-Hexanone	10.83	43	277596	107.177	ug/l	100
60) Dibromochloromethane	10.99	129	106868	21.041	ug/l	99
61) 1,2-Dibromoethane	11.09	107	79125	19.853	ug/l	99
64) Tetrachloroethene	10.72	164	115558	18.722	ug/l	97
65) Chlorobenzene	11.52	112	277041	20.774	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	108697	20.986	ug/l	98
67) Ethyl Benzene	11.59	91	496482	20.851	ug/l	98
68) m/p-Xylenes	11.70	106	372290	41.207	ug/l	99
69) o-Xylene	12.03	106	174358	20.658	ug/l	98
70) Styrene	12.04	104	300062	20.782	ug/l	100
71) Bromoform	12.20	173	69056	20.314	ug/l	96
73) Isopropylbenzene	12.33	105	487270	20.489	ug/l	100
74) N-amyl acetate	12.14	43	139624	20.924	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	98748	21.499	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	68328m	20.684	ug/l	
77) Bromobenzene	12.61	156	123398	20.356	ug/l	99
78) n-propylbenzene	12.67	91	579817	20.683	ug/l	100
79) 2-Chlorotoluene	12.75	91	320748	20.507	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	406868	20.527	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	34615	20.394	ug/l	99
82) 4-Chlorotoluene	12.85	91	336934	20.639	ug/l	100
83) tert-Butylbenzene	13.08	119	363891	20.806	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	410029	20.559	ug/l	98
85) sec-Butylbenzene	13.25	105	502555	20.906	ug/l	100
86) p-Isopropyltoluene	13.37	119	462411	20.602	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	233791	20.394	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	230332	20.294	ug/l	98
89) n-Butylbenzene	13.70	91	443865	21.024	ug/l	99
90) Hexachloroethane	13.96	117	89087	21.795	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	208091	20.684	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15580	20.922	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	152123	21.255	ug/l	99
94) Hexachlorobutadiene	15.11	225	99994	20.390	ug/l	99
95) Naphthalene	15.23	128	253619	21.442	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	120305	21.265	ug/l	99

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

