

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042820\
 Data File : VY002488.D
 Acq On : 28 Apr 2020 12:51
 Operator : SY/MD
 Sample : VY0428SBS02
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBS02

Quant Time: Apr 28 20:21:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	302797	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	436007	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	399681	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	212394	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	106131	40.10	ug/l	-0.02
Spiked Amount			Recovery	=	80.20%	
35) Dibromofluoromethane	7.73	113	113416	46.12	ug/l	-0.02
Spiked Amount			Recovery	=	92.24%	
50) Toluene-d8	10.18	98	432968	43.80	ug/l	-0.02
Spiked Amount			Recovery	=	87.60%	
62) 4-Bromofluorobenzene	12.49	95	147388	44.44	ug/l	0.00
Spiked Amount			Recovery	=	88.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	39283	17.715	ug/l	98
3) Chloromethane	2.12	50	52922	18.757	ug/l	99
4) Vinyl Chloride	2.26	62	30093	14.847	ug/l	98
5) Bromomethane	2.65	94	21296	18.720	ug/l	94
6) Chloroethane	2.80	64	16765	17.695	ug/l	99
7) Trichlorofluoromethane	3.13	101	64597	17.576	ug/l	98
8) Diethyl Ether	3.54	74	26155	17.265	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	50923	20.128	ug/l	99
10) Methyl Iodide	4.10	142	74957	19.205	ug/l	99
11) Tert butyl alcohol	4.97	59	24883	99.895	ug/l	96
12) 1,1-Dichloroethene	3.88	96	52492	20.251	ug/l	95
13) Acrolein	3.74	56	17135	85.933	ug/l	99
14) Allyl chloride	4.50	41	73147	19.202	ug/l	98
15) Acrylonitrile	5.19	53	69558	95.962	ug/l	99
16) Acetone	3.96	43	55002	99.446	ug/l	99
17) Carbon Disulfide	4.21	76	150949	18.676	ug/l	99
18) Methyl Acetate	4.49	43	31653	17.785	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	136309	19.488	ug/l	99
20) Methylene Chloride	4.73	84	60779	19.248	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	55821	19.128	ug/l	96
22) Diisopropyl ether	6.13	45	144214	19.147	ug/l	99
23) Vinyl Acetate	6.08	43	455237	95.120	ug/l	98
24) 1,1-Dichloroethane	6.04	63	88509	19.410	ug/l	98
25) 2-Butanone	7.00	43	79288	93.574	ug/l	97
26) 2,2-Dichloropropane	6.99	77	88464	20.285	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	60876	19.179	ug/l	97
28) Bromochloromethane	7.35	49	33381	18.764	ug/l	93
29) Tetrahydrofuran	7.36	42	52478	93.414	ug/l	100
30) Chloroform	7.52	83	92799	19.113	ug/l	99
31) Cyclohexane	7.80	56	82933	18.188	ug/l #	89
32) 1,1,1-Trichloroethane	7.71	97	90269	19.676	ug/l	99
36) 1,1-Dichloropropene	7.93	75	72717	19.450	ug/l	100
37) Ethyl Acetate	7.09	43	36323	19.339	ug/l	99
38) Carbon Tetrachloride	7.91	117	85624	19.916	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	94858	19.450	ug/l	98
40) Benzene	8.17	78	199276	18.442	ug/l	100
41) Methacrylonitrile	7.34	41	23318m	20.151	ug/l	
42) 1,2-Dichloroethane	8.25	62	62640	19.956	ug/l	99
43) Isopropyl Acetate	8.28	43	66600	18.959	ug/l	99
44) Trichloroethene	8.94	130	68128	20.164	ug/l	91
45) 1,2-Dichloropropane	9.22	63	48678	19.546	ug/l	96
46) Dibromomethane	9.31	93	28595	19.625	ug/l	96
47) Bromodichloromethane	9.50	83	73067	20.053	ug/l	98
48) Methyl methacrylate	9.30	41	30516	19.029	ug/l	98
49) 1,4-Dioxane	9.31	88	7517	404.819	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	177871	97.484	ug/l	98
52) Toluene	10.25	92	136816	19.670	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	78176	20.430	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	88116	20.119	ug/l	100
55) 1,1,2-Trichloroethane	10.65	97	43188	20.047	ug/l	99
56) Ethyl methacrylate	10.51	69	57140	19.411	ug/l	100
57) 1,3-Dichloropropane	10.80	76	57390	15.779	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	132146	92.833	ug/l	99
59) 2-Hexanone	10.83	43	100526	79.041	ug/l	98
60) Dibromochloromethane	10.99	129	52576	18.625	ug/l	98
61) 1,2-Dibromoethane	11.09	107	40778	19.088	ug/l	99
64) Tetrachloroethene	10.72	164	68262	18.635	ug/l	98
65) Chlorobenzene	11.52	112	155028	20.120	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	59686	20.644	ug/l	99
67) Ethyl Benzene	11.60	91	272899	19.872	ug/l	99
68) m/p-Xylenes	11.70	106	211812	40.067	ug/l	97
69) o-Xylene	12.03	106	96615	19.735	ug/l	100
70) Styrene	12.05	104	164696	19.321	ug/l	100
71) Bromoform	12.21	173	34501	18.943	ug/l #	100
73) Isopropylbenzene	12.33	105	251872	17.738	ug/l	99
74) N-amyl acetate	12.14	43	56522	16.798	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	37317	17.111	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	37667m	20.924	ug/l	
77) Bromobenzene	12.61	156	63966	17.962	ug/l	99
78) n-propylbenzene	12.67	91	311606	18.900	ug/l	99
79) 2-Chlorotoluene	12.76	91	174525	19.345	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	225186	18.685	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	18227	18.737	ug/l	95
82) 4-Chlorotoluene	12.86	91	185383	19.882	ug/l	99
83) tert-Butylbenzene	13.08	119	179412	17.143	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	188926	16.339	ug/l	99
85) sec-Butylbenzene	13.25	105	238816	17.042	ug/l	98
86) p-Isopropyltoluene	13.37	119	249767	18.690	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	125028	18.982	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	132086	20.167	ug/l	99
89) n-Butylbenzene	13.70	91	236563	19.189	ug/l	99
90) Hexachloroethane	13.96	117	41776	17.295	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	118201	20.838	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7823	18.069	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	85414	19.079	ug/l	100
94) Hexachlorobutadiene	15.12	225	51626	19.108	ug/l	99
95) Naphthalene	15.24	128	149835	18.046	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	71802	18.908	ug/l	100

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

