

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060920\
 Data File : VY002865.D
 Acq On : 09 Jun 2020 11:46
 Operator : SY/MD
 Sample : VY0609SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

Quant Time: Jun 10 05:40:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	286143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	426787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	397807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	216680	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	125875	50.66	ug/l	0.00
Spiked Amount						
			Recovery	=	101.32%	
35) Dibromofluoromethane	7.72	113	129099	51.62	ug/l	0.00
Spiked Amount						
			Recovery	=	103.24%	
50) Toluene-d8	10.18	98	502380	49.68	ug/l	0.00
Spiked Amount						
			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.48	95	176823	51.16	ug/l	0.00
Spiked Amount						
			Recovery	=	102.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	38841	19.727	ug/l	96
3) Chloromethane	2.12	50	43945	20.179	ug/l	99
4) Vinyl Chloride	2.26	62	48648	21.134	ug/l	98
5) Bromomethane	2.65	94	36615	21.226	ug/l	95
6) Chloroethane	2.79	64	31586	21.167	ug/l	98
7) Trichlorofluoromethane	3.13	101	88733	21.765	ug/l	98
8) Diethyl Ether	3.54	74	32733	20.563	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	53711	22.189	ug/l	98
10) Methyl Iodide	4.10	142	70167	20.717	ug/l	99
11) Tert butyl alcohol	4.97	59	32493	114.773	ug/l #	85
12) 1,1-Dichloroethene	3.88	96	53673	22.049	ug/l	97
13) Acrolein	3.74	56	25024	85.947	ug/l	97
14) Allyl chloride	4.49	41	77206	22.114	ug/l	100
15) Acrylonitrile	5.18	53	80431	111.998	ug/l	98
16) Acetone	3.96	43	65014	111.595	ug/l	97
17) Carbon Disulfide	4.20	76	151090	20.540	ug/l	98
18) Methyl Acetate	4.49	43	38167	25.637	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	147786	21.991	ug/l	98
20) Methylene Chloride	4.72	84	65796	23.110	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	59058	21.573	ug/l	95
22) Diisopropyl ether	6.13	45	162752	22.433	ug/l	97
23) Vinyl Acetate	6.07	43	527299	110.083	ug/l	99
24) 1,1-Dichloroethane	6.03	63	94509	22.269	ug/l	98
25) 2-Butanone	7.00	43	101015	111.290	ug/l	98
26) 2,2-Dichloropropane	6.99	77	86959	21.364	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	66061	21.556	ug/l	99
28) Bromochloromethane	7.34	49	40145	23.042	ug/l	98
29) Tetrahydrofuran	7.36	42	66135	112.016	ug/l	99
30) Chloroform	7.52	83	99666	22.131	ug/l	95
31) Cyclohexane	7.79	56	88037	20.893	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	89642	21.360	ug/l	99
36) 1,1-Dichloropropene	7.93	75	75977	21.133	ug/l	99
37) Ethyl Acetate	7.08	43	44542	22.772	ug/l	98
38) Carbon Tetrachloride	7.91	117	85214	21.336	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	99224	20.939	ug/l	98
40) Benzene	8.17	78	230693	21.717	ug/l	98
41) Methacrylonitrile	7.32	41	21866m	20.808	ug/l	
42) 1,2-Dichloroethane	8.24	62	64896	21.798	ug/l	100
43) Isopropyl Acetate	8.28	43	82351	22.217	ug/l	99
44) Trichloroethene	8.94	130	70894	21.128	ug/l	99
45) 1,2-Dichloropropane	9.22	63	54375	21.345	ug/l	99
46) Dibromomethane	9.31	93	33165	21.921	ug/l	98
47) Bromodichloromethane	9.50	83	77614	21.761	ug/l	96
48) Methyl methacrylate	9.30	41	35664	21.313	ug/l	98
49) 1,4-Dioxane	9.30	88	9802	421.946	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	218155	111.145	ug/l	100
52) Toluene	10.24	92	148843	21.418	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	86518	22.209	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	96923	21.957	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	51039	22.035	ug/l	96
56) Ethyl methacrylate	10.51	69	68191	21.980	ug/l	99
57) 1,3-Dichloropropane	10.79	76	85116	22.342	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	171897	113.395	ug/l	100
59) 2-Hexanone	10.83	43	157002	112.736	ug/l	99
60) Dibromochloromethane	10.99	129	63423	21.598	ug/l	100
61) 1,2-Dibromoethane	11.09	107	49875	21.829	ug/l	99
64) Tetrachloroethene	10.72	164	74248	20.536	ug/l	98
65) Chlorobenzene	11.52	112	166676	21.198	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	63727	21.520	ug/l	98
67) Ethyl Benzene	11.59	91	291702	21.400	ug/l	98
68) m/p-Xylenes	11.70	106	228894	43.311	ug/l	98
69) o-Xylene	12.03	106	107400	21.527	ug/l	100
70) Styrene	12.04	104	184545	21.337	ug/l	99
71) Bromoform	12.20	173	43754	22.082	ug/l #	99
73) Isopropylbenzene	12.33	105	293216	21.116	ug/l	99
74) N-amyl acetate	12.14	43	76871	21.576	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	55693	22.859	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	43385m	22.221	ug/l	
77) Bromobenzene	12.61	156	76767	21.232	ug/l	100
78) n-propylbenzene	12.67	91	339625	21.174	ug/l	100
79) 2-Chlorotoluene	12.75	91	187633	20.854	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	248903	21.468	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	22563	21.772	ug/l	97
82) 4-Chlorotoluene	12.85	91	200514	21.271	ug/l	100
83) tert-Butylbenzene	13.08	119	220221	21.294	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	247419	21.223	ug/l	99
85) sec-Butylbenzene	13.25	105	301399	21.314	ug/l	100
86) p-Isopropyltoluene	13.37	119	282700	21.485	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	145244	21.207	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	146103	21.326	ug/l	100
89) n-Butylbenzene	13.70	91	254211	21.280	ug/l	100
90) Hexachloroethane	13.96	117	52439	21.288	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	135043	21.742	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10536	22.478	ug/l	95

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93) 1,2,4-Trichlorobenzene	15.01	180	100017	21.364	ug/l	98
94) Hexachlorobutadiene	15.11	225	58169	21.906	ug/l	99
95) Naphthalene	15.23	128	199707	21.275	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	91109	21.793	ug/l	97

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

