

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062520\
 Data File : VY002991.D
 Acq On : 25 Jun 2020 11:02
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 11:22:09 AM

Quant Time: Jun 25 18:45:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062520S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 25 13:39:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	554008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	748291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	666019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	372809	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	27284	5.76	ug/l	0.00
Spiked Amount			Recovery	=	11.52%	
35) Dibromofluoromethane	7.72	113	24497	5.22	ug/l	0.00
Spiked Amount			Recovery	=	10.44%	
50) Toluene-d8	10.18	98	89095	4.95	ug/l	0.00
Spiked Amount			Recovery	=	9.90%	
62) 4-Bromofluorobenzene	12.48	95	33172	4.94	ug/l	0.00
Spiked Amount			Recovery	=	9.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	20252	6.094	ug/l	99
3) Chloromethane	2.12	50	25820	5.647	ug/l	96
4) Vinyl Chloride	2.26	62	23833	5.198	ug/l	96
5) Bromomethane	2.66	94	16664	4.871	ug/l	90
6) Chloroethane	2.80	64	14817	4.979	ug/l	97
7) Trichlorofluoromethane	3.13	101	43046	4.945	ug/l	94
8) Diethyl Ether	3.54	74	13795	5.263	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	23076	5.079	ug/l	99
10) Methyl Iodide	4.10	142	28935	4.552	ug/l	99
11) Tert butyl alcohol	4.96	59	14341	30.320	ug/l	96
12) 1,1-Dichloroethene	3.88	96	22168	4.975	ug/l	91
13) Acrolein	3.74	56	11601	24.549	ug/l	100
14) Allyl chloride	4.49	41	36392	5.149	ug/l	100
15) Acrylonitrile	5.18	53	31867	26.474	ug/l	95
16) Acetone	3.96	43	24867	24.512	ug/l	100
17) Carbon Disulfide	4.20	76	69994	5.122	ug/l	100
18) Methyl Acetate	4.49	43	14846	5.579	ug/l #	75
19) Methyl tert-butyl Ether	5.22	73	63985	5.121	ug/l	97
20) Methylene Chloride	4.73	84	40632	6.851	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	26190	5.307	ug/l	97
22) Diisopropyl ether	6.13	45	73035	5.132	ug/l	97
23) Vinyl Acetate	6.07	43	243656	25.321	ug/l	97
24) 1,1-Dichloroethane	6.03	63	42072	5.139	ug/l	99
25) 2-Butanone	7.00	43	42964	27.034	ug/l	94
26) 2,2-Dichloropropane	6.99	77	44711	5.427	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	28260	5.133	ug/l	95
28) Bromochloromethane	7.34	49	16643	5.118	ug/l	96
29) Tetrahydrofuran	7.36	42	27953	26.565	ug/l	97
30) Chloroform	7.52	83	44947	5.181	ug/l	97
31) Cyclohexane	7.79	56	46293	6.044	ug/l #	82
32) 1,1,1-Trichloroethane	7.71	97	42329	5.166	ug/l	99
36) 1,1-Dichloropropene	7.93	75	33898	4.828	ug/l	99
37) Ethyl Acetate	7.08	43	19331	4.905	ug/l	99
38) Carbon Tetrachloride	7.90	117	40323	4.754	ug/l	90

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39) Methylcyclohexane	9.19	83	40414	4.901	ug/l	95
40) Benzene	8.16	78	96965	5.107	ug/l	100
41) Methacrylonitrile	7.33	41	11459m	2.144	ug/l	
42) 1,2-Dichloroethane	8.24	62	30724	5.027	ug/l	99
43) Isopropyl Acetate	8.27	43	35877	5.173	ug/l	99
44) Trichloroethene	8.94	130	29683	5.011	ug/l	95
45) 1,2-Dichloropropane	9.22	63	21724	4.945	ug/l	98
46) Dibromomethane	9.32	93	12841	4.822	ug/l	96
47) Bromodichloromethane	9.50	83	32627	4.938	ug/l	95
48) Methyl methacrylate	9.30	41	15330	4.823	ug/l	97
49) 1,4-Dioxane	9.30	88	2917	93.837	ug/l	88
51) 4-Methyl-2-Pentanone	10.07	43	88822	24.802	ug/l	97
52) Toluene	10.24	92	59330	4.689	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	35699	4.748	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	37213	4.771	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	19988	4.877	ug/l	96
56) Ethyl methacrylate	10.51	69	26147	4.622	ug/l	96
57) 1,3-Dichloropropane	10.79	76	32712	4.687	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	61048	24.560	ug/l	100
59) 2-Hexanone	10.83	43	63367	24.254	ug/l	97
60) Dibromochloromethane	10.99	129	25171	4.448	ug/l	94
61) 1,2-Dibromoethane	11.09	107	19877	4.824	ug/l	93
64) Tetrachloroethene	10.72	164	31453	5.086	ug/l	93
65) Chlorobenzene	11.52	112	67862	5.126	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	26737	4.993	ug/l	98
67) Ethyl Benzene	11.60	91	116433	5.026	ug/l	97
68) m/p-Xylenes	11.70	106	91218	10.219	ug/l	100
69) o-Xylene	12.03	106	43805	5.140	ug/l	97
70) Styrene	12.04	104	69882	4.805	ug/l	97
71) Bromoform	12.20	173	18240	4.977	ug/l #	98
73) Isopropylbenzene	12.33	105	113910	4.697	ug/l	100
74) N-amyl acetate	12.14	43	30587	4.668	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	20917	4.853	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	16516m	2.625	ug/l	
77) Bromobenzene	12.61	156	32678	4.790	ug/l	97
78) n-propylbenzene	12.67	91	135026	4.826	ug/l	99
79) 2-Chlorotoluene	12.75	91	77464	4.856	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	102447	4.789	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	8090	4.725	ug/l #	93
82) 4-Chlorotoluene	12.86	91	81982	4.799	ug/l	99
83) tert-Butylbenzene	13.07	119	91303	4.851	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	104923	4.993	ug/l	99
85) sec-Butylbenzene	13.25	105	117663	4.940	ug/l	97
86) p-Isopropyltoluene	13.37	119	114961	5.120	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	59292	4.999	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	58711	5.040	ug/l	94
89) n-Butylbenzene	13.70	91	100508	5.188	ug/l	98
90) Hexachloroethane	13.96	117	20689	5.089	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	52951	5.083	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	4079	5.458	ug/l	95

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93) 1,2,4-Trichlorobenzene	15.01	180	44146	5.325	ug/l	99
94) Hexachlorobutadiene	15.11	225	29959	5.280	ug/l	100
95) Naphthalene	15.23	128	70674	5.203	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	36108	5.049	ug/l	97

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

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