

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
 Data File : VY005201.D
 Acq On : 24 Jun 2021 11:22
 Operator : SY/MD
 Sample : VY0624SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0624SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 4:35:22 PM

Quant Time: Jun 25 04:31:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	307452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	425421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	381784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	197316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	123366	48.352	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.700%
35) Dibromofluoromethane	7.728	113	125424	49.991	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.980%
50) Toluene-d8	10.185	98	515857	51.414	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.820%
62) 4-Bromofluorobenzene	12.483	95	165792	49.587	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	46888	23.193	ug/l	97
3) Chloromethane	2.119	50	55426	20.585	ug/l	99
4) Vinyl Chloride	2.259	62	63386	20.590	ug/l	97
5) Bromomethane	2.655	94	44107	22.589	ug/l	99
6) Chloroethane	2.802	64	37976	18.865	ug/l	99
7) Trichlorofluoromethane	3.131	101	84837	20.614	ug/l	99
8) Diethyl Ether	3.539	74	29108	18.906	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	51947	20.618	ug/l	99
10) Methyl Iodide	4.100	142	66711	18.613	ug/l	99
11) Tert butyl alcohol	4.966	59	30279	42.067	ug/l	98
12) 1,1-Dichloroethene	3.881	96	51611	20.275	ug/l	99
13) Acrolein	3.741	56	12187m	97.210	ug/l	
14) Allyl chloride	4.490	41	72328	19.780	ug/l	100
15) Acrylonitrile	5.179	53	61860	86.496	ug/l	99
16) Acetone	3.960	43	51193	86.855	ug/l	98
17) Carbon Disulfide	4.204	76	163851	20.465	ug/l	99
18) Methyl Acetate	4.490	43	27100	17.301	ug/l	96
19) Methyl tert-butyl Ether	5.234	73	125091	17.974	ug/l	98
20) Methylene Chloride	4.728	84	71355	17.124	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	57303	20.217	ug/l	98
22) Diisopropyl ether	6.130	45	146285	19.245	ug/l	99
23) Vinyl Acetate	6.076	43	448185	91.114	ug/l	100
24) 1,1-Dichloroethane	6.033	63	92782	19.667	ug/l	99
25) 2-Butanone	6.996	43	72755	84.653	ug/l	100
26) 2,2-Dichloropropane	6.990	77	83610	20.324	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	62689	19.665	ug/l	100
28) Bromochloromethane	7.344	49	34472	18.263	ug/l	99
29) Tetrahydrofuran	7.362	42	47276	83.606	ug/l	99
30) Chloroform	7.514	83	94832	19.754	ug/l	99
31) Cyclohexane	7.795	56	89720	19.697	ug/l	97
32) 1,1,1-Trichloroethane	7.709	97	85514	19.972	ug/l	99
36) 1,1-Dichloropropene	7.923	75	76788	20.498	ug/l	100
37) Ethyl Acetate	7.088	43	33153	17.162	ug/l	100
38) Carbon Tetrachloride	7.911	117	80738	20.589	ug/l	99
39) Methylcyclohexane	9.191	83	98146	20.244	ug/l	96
40) Benzene	8.167	78	222451	20.138	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	20116	18.776	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	58254	19.416	ug/l	100
43) Isopropyl Acetate	8.282	43	61475	17.313	ug/l	97
44) Trichloroethene	8.947	130	64232	20.567	ug/l	99
45) 1,2-Dichloropropane	9.221	63	51913	19.640	ug/l	98
46) Dibromomethane	9.313	93	28958	18.839	ug/l	99
47) Bromodichloromethane	9.502	83	71011	19.702	ug/l	98
48) Methyl methacrylate	9.301	41	27249	17.492	ug/l	98
49) 1,4-Dioxane	9.307	88	6707	331.795	ug/l	92
51) 4-Methyl-2-Pentanone	10.075	43	159445	85.792	ug/l	99
52) Toluene	10.246	92	142212	20.142	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	73657	18.669	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	86560	19.460	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	42118	18.762	ug/l	99
56) Ethyl methacrylate	10.514	69	53423	17.531	ug/l	98
57) 1,3-Dichloropropane	10.794	76	71303	18.964	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	131321	97.708	ug/l	99
59) 2-Hexanone	10.837	43	108152	84.609	ug/l	100
60) Dibromochloromethane	10.989	129	52201	18.983	ug/l	99
61) 1,2-Dibromoethane	11.093	107	40450	18.524	ug/l	99
64) Tetrachloroethene	10.721	164	59383	21.078	ug/l	98
65) Chlorobenzene	11.520	112	154881	20.467	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	56661	20.174	ug/l	100
67) Ethyl Benzene	11.599	91	266922	20.456	ug/l	100
68) m/p-Xylenes	11.709	106	215108	41.147	ug/l	99
69) o-Xylene	12.032	106	100647	20.331	ug/l	99
70) Styrene	12.050	104	169260	20.335	ug/l	100
71) Bromoform	12.209	173	36022	18.848	ug/l #	100
73) Isopropylbenzene	12.331	105	264233	20.647	ug/l	100
74) N-amyl acetate	12.148	43	54158	17.881	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	45733	18.135	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	32699m	18.685	ug/l	
77) Bromobenzene	12.611	156	68395	20.140	ug/l	99
78) n-propylbenzene	12.672	91	314826	20.862	ug/l	100
79) 2-Chlorotoluene	12.757	91	173760	20.411	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	219129	20.698	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.385	75	16639	17.740	ug/l	98
82) 4-Chlorotoluene	12.861	91	180726	20.521	ug/l	99
83) tert-Butylbenzene	13.080	119	199439	21.130	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	215305	20.570	ug/l	100
85) sec-Butylbenzene	13.257	105	286935	20.896	ug/l	99
86) p-Isopropyltoluene	13.373	119	245392	20.712	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	131848	20.336	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	130254	20.316	ug/l	100
89) n-Butylbenzene	13.696	91	215907	20.745	ug/l	99
90) Hexachloroethane	13.964	117	44609	20.843	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	115295	20.060	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7467	17.776	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	78135	19.288	ug/l	100
94) Hexachlorobutadiene	15.117	225	52655	20.769	ug/l	100
95) Naphthalene	15.239	128	128842	17.232	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	67203	18.837	ug/l	99

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

