

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070821\
 Data File : VY005389.D
 Acq On : 08 Jul 2021 16:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY070821

Manual Integrations
 APPROVED

MMDadoda
 7/9/2021 5:44:45 PM

Quant Time: Jul 09 07:19:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070821S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 09 07:16:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	330891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	488659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	449679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	235199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	154708	48.477	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.960%
35) Dibromofluoromethane	7.722	113	143301	50.171	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.340%
50) Toluene-d8	10.185	98	594594	48.403	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.800%
62) 4-Bromofluorobenzene	12.483	95	200788	48.496	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	108380	50.671	ug/l	100
3) Chloromethane	2.113	50	136413	46.971	ug/l	99
4) Vinyl Chloride	2.253	62	170828	48.393	ug/l	99
5) Bromomethane	2.650	94	122855	54.084	ug/l	95
6) Chloroethane	2.796	64	111272	49.452	ug/l	97
7) Trichlorofluoromethane	3.125	101	244579	48.557	ug/l	99
8) Diethyl Ether	3.534	74	90171	52.051	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	141058	50.107	ug/l	98
10) Methyl Iodide	4.094	142	168899	52.964	ug/l	98
11) Tert butyl alcohol	4.978	59	89254	165.124	ug/l	100
12) 1,1-Dichloroethene	3.875	96	142708	49.946	ug/l	95
13) Acrolein	3.741	56	70618	244.811	ug/l	99
14) Allyl chloride	4.485	41	219630	52.502	ug/l	100
15) Acrylonitrile	5.174	53	212031	270.125	ug/l	100
16) Acetone	3.954	43	155934	218.885	ug/l	100
17) Carbon Disulfide	4.198	76	420472	49.238	ug/l	99
18) Methyl Acetate	4.485	43	89523	56.209	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	423584	53.452	ug/l	99
20) Methylene Chloride	4.722	84	198903	38.211	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	163248	50.720	ug/l	98
22) Diisopropyl ether	6.131	45	460145	53.637	ug/l	99
23) Vinyl Acetate	6.070	43	1489696	276.242	ug/l	100
24) 1,1-Dichloroethane	6.027	63	280028	52.695	ug/l	99
25) 2-Butanone	6.996	43	252654	256.370	ug/l	99
26) 2,2-Dichloropropane	6.990	77	246910	48.756	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	189292	52.119	ug/l	100
28) Bromochloromethane	7.338	49	111126	52.147	ug/l	100
29) Tetrahydrofuran	7.356	42	169372	266.613	ug/l	98
30) Chloroform	7.515	83	294624	51.938	ug/l	96
31) Cyclohexane	7.789	56	253111	48.287	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	265399	50.914	ug/l	100
36) 1,1-Dichloropropene	7.923	75	226809	51.271	ug/l	100
37) Ethyl Acetate	7.082	43	113531	50.854	ug/l	98
38) Carbon Tetrachloride	7.905	117	247832	49.591	ug/l	97
39) Methylcyclohexane	9.185	83	286812	50.378	ug/l	97
40) Benzene	8.167	78	667623	50.607	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	54947	49.435	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	194546	51.111	ug/l	100
43) Isopropyl Acetate	8.283	43	215600	52.823	ug/l	99
44) Trichloroethene	8.941	130	187048	50.278	ug/l	97
45) 1,2-Dichloropropane	9.222	63	162728	52.656	ug/l	98
46) Dibromomethane	9.307	93	91514	53.068	ug/l	98
47) Bromodichloromethane	9.502	83	226736	51.775	ug/l	100
48) Methyl methacrylate	9.295	41	98199	52.584	ug/l	98
49) 1,4-Dioxane	9.301	88	29153	1132.521	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	591774	262.327	ug/l	100
52) Toluene	10.246	92	440269	51.595	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	250980	52.306	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	277247	51.918	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	136188	51.870	ug/l	98
56) Ethyl methacrylate	10.514	69	195124	54.863	ug/l	98
57) 1,3-Dichloropropane	10.794	76	236549	53.018	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	352049	217.645	ug/l	99
59) 2-Hexanone	10.837	43	415492	263.754	ug/l	99
60) Dibromochloromethane	10.990	129	170434	52.592	ug/l	99
61) 1,2-Dibromoethane	11.093	107	129022	51.902	ug/l	100
64) Tetrachloroethene	10.721	164	167342	49.679	ug/l	99
65) Chlorobenzene	11.520	112	477928	50.900	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	179554	52.078	ug/l	99
67) Ethyl Benzene	11.593	91	854881	51.643	ug/l	100
68) m/p-Xylenes	11.703	106	676704	103.669	ug/l	100
69) o-Xylene	12.032	106	325693	52.246	ug/l	98
70) Styrene	12.044	104	557289	52.398	ug/l	100
71) Bromoform	12.209	173	114963	52.166	ug/l #	99
73) Isopropylbenzene	12.331	105	848039	51.917	ug/l	100
74) N-amyl acetate	12.148	43	205728	53.676	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	158700	52.330	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	108924m	51.111	ug/l	
77) Bromobenzene	12.611	156	210181	52.650	ug/l	99
78) n-propylbenzene	12.672	91	1009861	52.337	ug/l	100
79) 2-Chlorotoluene	12.758	91	565175	52.186	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	715474	52.213	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	58635	51.838	ug/l	98
82) 4-Chlorotoluene	12.855	91	585807	52.443	ug/l	99
83) tert-Butylbenzene	13.075	119	627883	52.544	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	712743	52.349	ug/l	100
85) sec-Butylbenzene	13.251	105	928121	52.594	ug/l	99
86) p-Isopropyltoluene	13.373	119	803419	52.484	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	415965	51.711	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	410069	51.543	ug/l	100
89) n-Butylbenzene	13.696	91	721298	52.717	ug/l	99
90) Hexachloroethane	13.959	117	142630	52.499	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	367298	51.867	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27439	51.064	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	246978	52.467	ug/l	99
94) Hexachlorobutadiene	15.111	225	157574	52.926	ug/l	99
95) Naphthalene	15.239	128	484955	54.285	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	217689	53.263	ug/l	99

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

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