

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007774.D
 Acq On : 08 Mar 2022 12:57
 Operator : SY/MD
 Sample : VY0308SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0308SBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Mar 09 00:25:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	254531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	410442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	369578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	186618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	125477	47.088	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.180%
35) Dibromofluoromethane	7.716	113	126087	48.050	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.100%
50) Toluene-d8	10.179	98	435375	45.073	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.140%
62) 4-Bromofluorobenzene	12.483	95	139210	44.710	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.420%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	34014	17.977	ug/l	93
3) Chloromethane	2.113	50	57183	17.780	ug/l	95
4) Vinyl Chloride	2.253	62	71191	18.644	ug/l	96
5) Bromomethane	2.643	94	85907	27.836	ug/l	97
6) Chloroethane	2.790	64	58572	20.002	ug/l	99
7) Trichlorofluoromethane	3.125	101	85986	19.709	ug/l	95
8) Diethyl Ether	3.534	74	29045	20.690	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.899	101	51001	19.150	ug/l	97
10) Methyl Iodide	4.094	142	50283	15.518	ug/l	94
11) Tert butyl alcohol	4.960	59	21709	94.098	ug/l #	90
12) 1,1-Dichloroethene	3.881	96	46522	19.683	ug/l	79
13) Acrolein	3.729	56	24688	104.706	ug/l	99
14) Allyl chloride	4.485	41	64131	18.039	ug/l #	83
15) Acrylonitrile	5.167	53	74725	100.841	ug/l	97
16) Acetone	3.948	43	56293	103.847	ug/l	95
17) Carbon Disulfide	4.198	76	120898	18.867	ug/l	99
18) Methyl Acetate	4.479	43	41612	23.219	ug/l #	87
19) Methyl tert-butyl Ether	5.222	73	149463	20.374	ug/l	93
20) Methylene Chloride	4.716	84	71921	25.505	ug/l #	81
21) trans-1,2-Dichloroethene	5.222	96	55741	20.211	ug/l	85
22) Diisopropyl ether	6.118	45	167529	19.725	ug/l #	96
23) Vinyl Acetate	6.064	43	498288	92.775	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	99345	19.359	ug/l	95
25) 2-Butanone	6.990	43	92286	101.486	ug/l #	87
26) 2,2-Dichloropropane	6.984	77	75581	16.550	ug/l	93
27) cis-1,2-Dichloroethene	6.990	96	67371	20.832	ug/l	85
28) Bromochloromethane	7.332	49	41098	18.832	ug/l #	81
29) Tetrahydrofuran	7.350	42	61719	99.194	ug/l #	83
30) Chloroform	7.508	83	113262	21.304	ug/l	98
31) Cyclohexane	7.783	56	79565	16.749	ug/l #	80
32) 1,1,1-Trichloroethane	7.704	97	99510	21.031	ug/l	96
36) 1,1-Dichloropropene	7.917	75	76241	18.469	ug/l	97
37) Ethyl Acetate	7.070	43	42074	18.454	ug/l #	94
38) Carbon Tetrachloride	7.905	117	87241	19.812	ug/l	93
39) Methylcyclohexane	9.185	83	90670	17.872	ug/l #	85
40) Benzene	8.161	78	226556	19.721	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	23663m	21.719	ug/l	94
42) 1,2-Dichloroethane	8.234	62	71900	20.057	ug/l	94
43) Isopropyl Acetate	8.271	43	80057	18.987	ug/l #	91
44) Trichloroethene	8.941	130	64098	20.090	ug/l	95
45) 1,2-Dichloropropane	9.215	63	58087	19.552	ug/l	90
46) Dibromomethane	9.307	93	37137	20.825	ug/l	98
47) Bromodichloromethane	9.496	83	88026	21.045	ug/l	97
48) Methyl methacrylate	9.295	41	34631	18.949	ug/l #	79
49) 1,4-Dioxane	9.307	88	7542	350.315	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	218729	96.953	ug/l	91
52) Toluene	10.246	92	150618	20.277	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	79160	18.434	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	89308	18.823	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	49403	20.363	ug/l	97
56) Ethyl methacrylate	10.508	69	60467	18.773	ug/l	86
57) 1,3-Dichloropropane	10.788	76	81344	19.828	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	158457	90.208	ug/l	93
59) 2-Hexanone	10.831	43	148356	97.650	ug/l	92
60) Dibromochloromethane	10.983	129	63639	22.030	ug/l	100
61) 1,2-Dibromoethane	11.087	107	48306	20.890	ug/l	97
64) Tetrachloroethene	10.721	164	56333	20.563	ug/l	98
65) Chlorobenzene	11.514	112	163841	20.348	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	62914	20.895	ug/l	98
67) Ethyl Benzene	11.593	91	279207	19.228	ug/l	97
68) m/p-Xylenes	11.703	106	218236	39.171	ug/l	92
69) o-Xylene	12.026	106	105608	20.003	ug/l	91
70) Styrene	12.044	104	177171	20.041	ug/l	94
71) Bromoform	12.209	173	40266	21.477	ug/l #	100
73) Isopropylbenzene	12.331	105	276552	19.022	ug/l	99
74) N-amyl acetate	12.142	43	64922	16.775	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	62296	20.430	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	43612m	20.926	ug/l	
77) Bromobenzene	12.611	156	68677	20.508	ug/l	90
78) n-propylbenzene	12.672	91	328602	18.731	ug/l	99
79) 2-Chlorotoluene	12.758	91	180376	19.214	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	222116	19.107	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	16445	16.132	ug/l	91
82) 4-Chlorotoluene	12.855	91	183743	19.029	ug/l	94
83) tert-Butylbenzene	13.075	119	203829	19.062	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	223495	19.518	ug/l	96
85) sec-Butylbenzene	13.251	105	296166	18.723	ug/l	99
86) p-Isopropyltoluene	13.367	119	242022	18.525	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	129969	19.504	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	132895	20.206	ug/l	99
89) n-Butylbenzene	13.696	91	215044	17.416	ug/l	99
90) Hexachloroethane	13.959	117	50162	20.256	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	120231	20.319	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9129	19.769	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	69230	18.481	ug/l	99
94) Hexachlorobutadiene	15.111	225	40618	18.339	ug/l	98
95) Naphthalene	15.233	128	142687	18.724	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	62932	18.850	ug/l	99

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 Supervised By :Mahesh
 Dadoda

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

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Dadoda

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