

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009096.D
 Acq On : 25 May 2022 17:39
 Operator : KP/MD
 Sample : VY0525SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0525SBS01

Quant Time: May 26 04:30:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel
 05/26/2022
 Supervised By :Mahesh
 Dadoda
 05/26/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	86391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	141719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	136954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	36549	41.107	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.220%		
35) Dibromofluoromethane	7.716	113	38609	43.811	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.620%		
50) Toluene-d8	10.179	98	124009	38.143	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	76.280%		
62) 4-Bromofluorobenzene	12.477	95	55054	41.979	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	83.960%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	16700	21.135	ug/l	95
3) Chloromethane	2.113	50	28784	25.428	ug/l	94
4) Vinyl Chloride	2.247	62	43010	25.646	ug/l	92
5) Bromomethane	2.637	94	45081	27.422	ug/l	95
6) Chloroethane	2.784	64	31092	26.169	ug/l	97
7) Trichlorofluoromethane	3.119	101	32538	22.846	ug/l	90
8) Diethyl Ether	3.528	74	9608	21.575	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.887	101	19947	22.788	ug/l	92
10) Methyl Iodide	4.088	142	15979	17.679	ug/l	92
11) Tert butyl alcohol	4.948	59	8599	95.347	ug/l	97
12) 1,1-Dichloroethene	3.869	96	17431	21.452	ug/l #	79
13) Acrolein	3.723	56	3539	119.217	ug/l	95
14) Allyl chloride	4.479	41	25658	20.953	ug/l #	85
15) Acrylonitrile	5.161	53	24537	98.405	ug/l	100
16) Acetone	3.942	43	18627	100.645	ug/l	94
17) Carbon Disulfide	4.192	76	54877	20.672	ug/l	100
18) Methyl Acetate	4.466	43	12026	20.867	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	48748	19.987	ug/l	96
20) Methylene Chloride	4.716	84	28519	23.270	ug/l	84
21) trans-1,2-Dichloroethene	5.216	96	21380	20.499	ug/l #	83
22) Diisopropyl ether	6.112	45	60598	20.598	ug/l	95
23) Vinyl Acetate	6.058	43	190491	97.885	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	38509	21.884	ug/l	97
25) 2-Butanone	6.984	43	31622	95.660	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	34023	20.990	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	23621	20.091	ug/l	89
28) Bromochloromethane	7.332	49	13672	22.637	ug/l #	91
29) Tetrahydrofuran	7.344	42	20290	90.359	ug/l #	85
30) Chloroform	7.502	83	40480	21.311	ug/l	98
31) Cyclohexane	7.783	56	34084	19.595	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	35913	20.840	ug/l	99
36) 1,1-Dichloropropene	7.917	75	30500	20.337	ug/l	96
37) Ethyl Acetate	7.070	43	14871	19.115	ug/l	97
38) Carbon Tetrachloride	7.899	117	31979	20.383	ug/l	96
39) Methylcyclohexane	9.179	83	37550	19.397	ug/l #	85
40) Benzene	8.155	78	88906	20.558	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	8156m	20.316	ug/l	
42) 1,2-Dichloroethane	8.234	62	26621	20.963	ug/l	93
43) Isopropyl Acetate	8.271	43	28423	19.649	ug/l #	91
44) Trichloroethene	8.935	130	23548	20.564	ug/l	99
45) 1,2-Dichloropropane	9.216	63	22346	21.519	ug/l	99
46) Dibromomethane	9.301	93	13655	20.680	ug/l	92
47) Bromodichloromethane	9.496	83	31474	20.857	ug/l	95
48) Methyl methacrylate	9.289	41	12212	18.906	ug/l #	76
49) 1,4-Dioxane	9.295	88	3250	368.206	ug/l	87
51) 4-Methyl-2-Pentanone	10.069	43	78020	97.456	ug/l	96
52) Toluene	10.240	92	58420	19.330	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	31078	19.394	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	34597	20.083	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	17859	19.333	ug/l	97
56) Ethyl methacrylate	10.508	69	21368	18.092	ug/l	92
57) 1,3-Dichloropropane	10.788	76	30232	20.062	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	49134	96.161	ug/l	94
59) 2-Hexanone	10.831	43	51774	94.456	ug/l	93
60) Dibromochloromethane	10.984	129	21350	19.066	ug/l	98
61) 1,2-Dibromoethane	11.087	107	17331	18.933	ug/l	97
64) Tetrachloroethene	10.715	164	20207	20.271	ug/l	96
65) Chlorobenzene	11.514	112	62092	19.753	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	22221	19.306	ug/l	92
67) Ethyl Benzene	11.593	91	112323	19.828	ug/l	98
68) m/p-Xylenes	11.703	106	89588	38.957	ug/l	89
69) o-Xylene	12.026	106	41565	19.464	ug/l	88
70) Styrene	12.044	104	70380	19.164	ug/l	95
71) Bromoform	12.203	173	12927	16.942	ug/l #	100
73) Isopropylbenzene	12.331	105	108670	19.630	ug/l	99
74) N-amyl acetate	12.142	43	26711	20.912	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	22553	19.776	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	17938m	22.562	ug/l	
77) Bromobenzene	12.605	156	24529	19.114	ug/l	97
78) n-propylbenzene	12.672	91	141160	22.070	ug/l	98
79) 2-Chlorotoluene	12.758	91	73689	19.973	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	92638	19.964	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	7189	18.559	ug/l	90
82) 4-Chlorotoluene	12.855	91	78844	19.981	ug/l	98
83) tert-Butylbenzene	13.075	119	81668	19.838	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	93228	20.239	ug/l	99
85) sec-Butylbenzene	13.251	105	126947	20.155	ug/l	99
86) p-Isopropyltoluene	13.367	119	105460	20.078	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	53759	19.638	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	52911	19.239	ug/l	97
89) n-Butylbenzene	13.696	91	102207	21.270	ug/l	97
90) Hexachloroethane	13.959	117	20637	20.966	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	47746	19.759	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3429	19.368	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	25061	18.897	ug/l	97
94) Hexachlorobutadiene	15.111	225	14892	20.603	ug/l	97
95) Naphthalene	15.233	128	46613	17.496	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	21916	19.017	ug/l	98

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

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