

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
 Data File : VY008495.D
 Acq On : 26 Apr 2022 11:43
 Operator : KP/MD
 Sample : VY0426SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0426SBS01

Quant Time: Apr 26 16:27:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/27/2022
 Supervised By :Mahesh Dadoda 04/27/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	103387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	176246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	162216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	60404	49.655	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.300%		
35) Dibromofluoromethane	7.716	113	58917	51.797	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.600%		
50) Toluene-d8	10.179	98	225488	49.755	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.520%		
62) 4-Bromofluorobenzene	12.483	95	73928	48.267	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	17678	18.829	ug/l	98
3) Chloromethane	2.113	50	32144	21.758	ug/l	98
4) Vinyl Chloride	2.247	62	43188	22.498	ug/l	99
5) Bromomethane	2.644	94	40544	22.715	ug/l	98
6) Chloroethane	2.790	64	30252	23.688	ug/l	97
7) Trichlorofluoromethane	3.125	101	42470	21.357	ug/l	96
8) Diethyl Ether	3.528	74	12806	18.711	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.893	101	24846	20.988	ug/l	96
10) Methyl Iodide	4.088	142	23159	16.038	ug/l	91
11) Tert butyl alcohol	4.948	59	11780	78.902	ug/l	96
12) 1,1-Dichloroethene	3.869	96	23215	20.772	ug/l	83
13) Acrolein	3.723	56	11903	91.905	ug/l	94
14) Allyl chloride	4.479	41	29027	19.899	ug/l #	86
15) Acrylonitrile	5.155	53	31859	91.039	ug/l	96
16) Acetone	3.942	43	23520	83.009	ug/l	98
17) Carbon Disulfide	4.192	76	65221	19.303	ug/l	100
18) Methyl Acetate	4.479	43	13853	17.434	ug/l #	83
19) Methyl tert-butyl Ether	5.216	73	65110	18.412	ug/l	94
20) Methylene Chloride	4.710	84	31697	17.499	ug/l #	82
21) trans-1,2-Dichloroethene	5.216	96	26796	19.655	ug/l	84
22) Diisopropyl ether	6.112	45	68491	19.442	ug/l #	91
23) Vinyl Acetate	6.058	43	228224	94.496	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	43710	19.933	ug/l	95
25) 2-Butanone	6.984	43	39299	89.652	ug/l #	79
26) 2,2-Dichloropropane	6.984	77	40678	20.029	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	31003	19.881	ug/l	82
28) Bromochloromethane	7.332	49	16375	18.513	ug/l #	80
29) Tetrahydrofuran	7.344	42	26216	92.855	ug/l #	80
30) Chloroform	7.503	83	46924	19.478	ug/l	95
31) Cyclohexane	7.783	56	40442	20.223	ug/l #	81
32) 1,1,1-Trichloroethane	7.704	97	43733	20.732	ug/l	97
36) 1,1-Dichloropropene	7.917	75	37460	20.704	ug/l	98
37) Ethyl Acetate	7.070	43	18998	18.986	ug/l #	93
38) Carbon Tetrachloride	7.899	117	38822	20.651	ug/l	98
39) Methylcyclohexane	9.185	83	48293	20.846	ug/l #	87
40) Benzene	8.161	78	106669	20.208	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	9420m	19.413	ug/l	
42) 1,2-Dichloroethane	8.234	62	30815	19.390	ug/l	90
43) Isopropyl Acetate	8.271	43	34191	18.579	ug/l #	87
44) Trichloroethene	8.935	130	30008	20.634	ug/l	99
45) 1,2-Dichloropropane	9.216	63	25082	19.787	ug/l	96
46) Dibromomethane	9.301	93	17250	19.424	ug/l	93
47) Bromodichloromethane	9.496	83	37416	19.847	ug/l	100
48) Methyl methacrylate	9.289	41	14766	18.871	ug/l #	77
49) 1,4-Dioxane	9.295	88	4198	374.868	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	91867	94.894	ug/l #	87
52) Toluene	10.246	92	70072	20.073	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	38328	18.958	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	43253	19.306	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	23073	19.035	ug/l	99
56) Ethyl methacrylate	10.508	69	29594	18.909	ug/l #	78
57) 1,3-Dichloropropane	10.789	76	38046	19.228	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	74277	86.597	ug/l	92
59) 2-Hexanone	10.831	43	63089	94.699	ug/l	83
60) Dibromochloromethane	10.984	129	26570	19.080	ug/l	98
61) 1,2-Dibromoethane	11.087	107	22375	18.664	ug/l	100
64) Tetrachloroethene	10.721	164	26289	21.854	ug/l	99
65) Chlorobenzene	11.514	112	75615	20.615	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	28411	20.980	ug/l	97
67) Ethyl Benzene	11.593	91	134377	21.110	ug/l	99
68) m/p-Xylenes	11.703	106	106448	41.747	ug/l	92
69) o-Xylene	12.026	106	50482	20.565	ug/l	91
70) Styrene	12.044	104	83004	20.065	ug/l	95
71) Bromoform	12.209	173	16088	18.957	ug/l #	98
73) Isopropylbenzene	12.331	105	133124	21.702	ug/l	100
74) N-amyl acetate	12.142	43	31282	20.639	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	27109	19.779	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	16689m	15.939	ug/l	
77) Bromobenzene	12.611	156	30336	20.278	ug/l	93
78) n-propylbenzene	12.672	91	162830	22.130	ug/l	100
79) 2-Chlorotoluene	12.758	91	87263	21.072	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	107544	21.122	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	8872	19.657	ug/l	87
82) 4-Chlorotoluene	12.855	91	91639	21.355	ug/l	96
83) tert-Butylbenzene	13.075	119	96893	21.921	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	108225	21.422	ug/l	97
85) sec-Butylbenzene	13.251	105	146910	22.024	ug/l	100
86) p-Isopropyltoluene	13.367	119	120795	21.623	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	61776	20.626	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	61579	20.755	ug/l	99
89) n-Butylbenzene	13.697	91	115018	22.684	ug/l	100
90) Hexachloroethane	13.959	117	22785	22.686	ug/l	79
91) 1,2-Dichlorobenzene	13.739	146	55040	20.667	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3933	19.095	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	31850	21.485	ug/l	99
94) Hexachlorobutadiene	15.111	225	16882	23.340	ug/l	98
95) Naphthalene	15.239	128	66001	19.640	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	26969	20.785	ug/l	99

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

