

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
 Data File : VY009993.D
 Acq On : 12 Aug 2022 17:59
 Operator : KP/MD
 Sample : VY0812SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0812SBS01

Quant Time: Aug 13 02:57:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/15/2022
 Supervised By :Mahesh Dadoda 08/16/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	106102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	175650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	161302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	54451	50.591	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.180%			
35) Dibromofluoromethane	7.710	113	57529	53.513	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.020%			
50) Toluene-d8	10.173	98	216078	52.456	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.920%			
62) 4-Bromofluorobenzene	12.477	95	77804	51.553	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	21825	22.913	ug/l	97
3) Chloromethane	2.107	50	14348	20.507	ug/l	100
4) Vinyl Chloride	2.241	62	15125	20.517	ug/l	99
5) Bromomethane	2.631	94	11173	19.882	ug/l	97
6) Chloroethane	2.778	64	9106	18.684	ug/l	99
7) Trichlorofluoromethane	3.107	101	35755	19.579	ug/l	94
8) Diethyl Ether	3.515	74	13475	19.602	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.881	101	23492	20.018	ug/l	96
10) Methyl Iodide	4.076	142	26632	18.971	ug/l	99
11) Tert butyl alcohol	4.948	59	10994	95.972	ug/l	96
12) 1,1-Dichloroethene	3.857	96	22618	19.851	ug/l	93
13) Acrolein	3.716	56	13622	98.362	ug/l	95
14) Allyl chloride	4.460	41	30963	19.492	ug/l	93
15) Acrylonitrile	5.149	53	31268	95.030	ug/l	99
16) Acetone	3.936	43	22480	86.965	ug/l #	80
17) Carbon Disulfide	4.174	76	73287	19.764	ug/l	98
18) Methyl Acetate	4.466	43	14561	18.662	ug/l #	90
19) Methyl tert-butyl Ether	5.210	73	54733	19.659	ug/l	98
20) Methylene Chloride	4.698	84	28921	17.528	ug/l	87
21) trans-1,2-Dichloroethene	5.198	96	24740	19.539	ug/l	97
22) Diisopropyl ether	6.106	45	62697	19.523	ug/l	96
23) Vinyl Acetate	6.045	43	194896	98.217	ug/l	95
24) 1,1-Dichloroethane	6.003	63	40369	19.699	ug/l	99
25) 2-Butanone	6.978	43	35778	89.197	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	33972	18.703	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	26721	19.645	ug/l	94
28) Bromochloromethane	7.319	49	14792	18.072	ug/l	83
29) Tetrahydrofuran	7.338	42	23399	92.305	ug/l #	87
30) Chloroform	7.496	83	42028	19.833	ug/l	100
31) Cyclohexane	7.771	56	36889	19.148	ug/l #	90
32) 1,1,1-Trichloroethane	7.691	97	36641	20.349	ug/l	99
36) 1,1-Dichloropropene	7.905	75	33043	20.641	ug/l	99
37) Ethyl Acetate	7.070	43	16223	18.777	ug/l #	93
38) Carbon Tetrachloride	7.893	117	32994	20.653	ug/l	98
39) Methylcyclohexane	9.173	83	38970	20.217	ug/l	99
40) Benzene	8.149	78	97917	20.212	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	8593m	18.725	ug/l	
42) 1,2-Dichloroethane	8.228	62	25579	20.383	ug/l	97
43) Isopropyl Acetate	8.264	43	29656	19.775	ug/l	95
44) Trichloroethene	8.929	130	26333	20.072	ug/l	97
45) 1,2-Dichloropropane	9.209	63	23411	20.140	ug/l	97
46) Dibromomethane	9.301	93	14432	20.623	ug/l	96
47) Bromodichloromethane	9.490	83	31447	20.213	ug/l	100
48) Methyl methacrylate	9.289	41	12463	18.940	ug/l	89
49) 1,4-Dioxane	9.289	88	3282	388.964	ug/l #	88
51) 4-Methyl-2-Pentanone	10.063	43	79406	97.660	ug/l	93
52) Toluene	10.240	92	60099	20.600	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	32259	20.175	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	37404	20.232	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	20383	20.365	ug/l	98
56) Ethyl methacrylate	10.508	69	24768	20.015	ug/l	91
57) 1,3-Dichloropropane	10.788	76	32655	20.114	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	63274	116.816	ug/l	98
59) 2-Hexanone	10.831	43	53500	95.355	ug/l	90
60) Dibromochloromethane	10.977	129	23572	20.622	ug/l	99
61) 1,2-Dibromoethane	11.087	107	19067	19.890	ug/l	96
64) Tetrachloroethene	10.715	164	24399	20.705	ug/l	97
65) Chlorobenzene	11.514	112	66069	20.179	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	23363	20.031	ug/l	97
67) Ethyl Benzene	11.587	91	110096	19.999	ug/l	99
68) m/p-Xylenes	11.697	106	87418	41.024	ug/l	97
69) o-Xylene	12.026	106	40029	19.808	ug/l	94
70) Styrene	12.038	104	68812	19.989	ug/l	99
71) Bromoform	12.203	173	14510	19.693	ug/l #	96
73) Isopropylbenzene	12.325	105	106343	20.203	ug/l	99
74) N-amyl acetate	12.142	43	25904	19.238	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	23341	19.212	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	19105m	21.080	ug/l	
77) Bromobenzene	12.605	156	26469	20.786	ug/l	94
78) n-propylbenzene	12.666	91	134549	20.367	ug/l	98
79) 2-Chlorotoluene	12.751	91	77609	20.682	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	90672	21.083	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	8291	19.887	ug/l	90
82) 4-Chlorotoluene	12.849	91	80963	20.712	ug/l	98
83) tert-Butylbenzene	13.068	119	78452	20.753	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	90043	20.850	ug/l	98
85) sec-Butylbenzene	13.251	105	118903	20.530	ug/l	98
86) p-Isopropyltoluene	13.367	119	95925	20.983	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	52453	20.898	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	51586	19.770	ug/l	97
89) n-Butylbenzene	13.696	91	91479	20.725	ug/l	98
90) Hexachloroethane	13.959	117	19573	19.965	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	47204	20.908	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3712	19.024	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	26438	20.581	ug/l	98
94) Hexachlorobutadiene	15.111	225	15108	20.826	ug/l	98
95) Naphthalene	15.233	128	54091	19.459	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	22643	19.709	ug/l	95

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

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