

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
 Data File : VY009987.D
 Acq On : 12 Aug 2022 15:19
 Operator : KP/MD
 Sample : VSTDIC075
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

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

Quant Time: Aug 13 02:21:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:18:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	107268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	181203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	161126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	78040	71.239	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 142.480%			
35) Dibromofluoromethane	7.710	113	81896	73.665	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 147.320%#			
50) Toluene-d8	10.172	98	314054	73.289	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 146.580%#			
62) 4-Bromofluorobenzene	12.477	95	112936	73.991	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 147.980%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	59388	62.339	ug/l	98
3) Chloromethane	2.107	50	53189	73.751	ug/l	98
4) Vinyl Chloride	2.235	62	56115	73.067	ug/l	98
5) Bromomethane	2.631	94	38447	63.691	ug/l	99
6) Chloroethane	2.777	64	33137	65.929	ug/l	97
7) Trichlorofluoromethane	3.107	101	129245	70.381	ug/l	98
8) Diethyl Ether	3.521	74	50227	70.483	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.881	101	85447	71.390	ug/l	95
10) Methyl Iodide	4.076	142	111353	78.841	ug/l	97
11) Tert butyl alcohol	4.948	59	38479	325.749	ug/l #	95
12) 1,1-Dichloroethene	3.857	96	83632	72.411	ug/l	94
13) Acrolein	3.716	56	48333	343.917	ug/l	100
14) Allyl chloride	4.460	41	117555	73.650	ug/l	94
15) Acrylonitrile	5.149	53	121112	359.458	ug/l	99
16) Acetone	3.936	43	91169	344.148	ug/l #	85
17) Carbon Disulfide	4.180	76	269405	71.111	ug/l	97
18) Methyl Acetate	4.460	43	53586	63.566	ug/l #	90
19) Methyl tert-butyl Ether	5.210	73	216576	76.590	ug/l	98
20) Methylene Chloride	4.698	84	97001	57.066	ug/l #	88
21) trans-1,2-Dichloroethene	5.204	96	94804	73.907	ug/l	94
22) Diisopropyl ether	6.106	45	241626	74.091	ug/l	96
23) Vinyl Acetate	6.045	43	786601	388.700	ug/l	97
24) 1,1-Dichloroethane	6.003	63	151117	73.194	ug/l	99
25) 2-Butanone	6.972	43	145029	357.481	ug/l	96
26) 2,2-Dichloropropane	6.972	77	128178	69.691	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	103309	74.794	ug/l	93
28) Bromochloromethane	7.319	49	62019	75.028	ug/l	85
29) Tetrahydrofuran	7.338	42	96973	373.102	ug/l	90
30) Chloroform	7.496	83	155815	71.829	ug/l	96
31) Cyclohexane	7.770	56	140829	72.192	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	134688	73.034	ug/l	99
36) 1,1-Dichloropropene	7.911	75	121430	72.945	ug/l	100
37) Ethyl Acetate	7.063	43	64959	73.158	ug/l #	95
38) Carbon Tetrachloride	7.886	117	122403	73.188	ug/l	99
39) Methylcyclohexane	9.173	83	153945	76.823	ug/l	98
40) Benzene	8.148	78	365362	72.210	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	36248m	34.426	ug/l	
42) 1,2-Dichloroethane	8.228	62	94783	72.516	ug/l	97
43) Isopropyl Acetate	8.264	43	117688	75.869	ug/l	94
44) Trichloroethene	8.935	130	99671	73.320	ug/l	95
45) 1,2-Dichloropropane	9.209	63	88219	73.446	ug/l	97
46) Dibromomethane	9.295	93	52948	72.880	ug/l	98
47) Bromodichloromethane	9.490	83	120058	74.273	ug/l	98
48) Methyl methacrylate	9.288	41	52777	77.798	ug/l	90
49) 1,4-Dioxane	9.288	88	14261	1683.053	ug/l	91
51) 4-Methyl-2-Pentanone	10.063	43	317818	376.137	ug/l	93
52) Toluene	10.240	92	225249	74.236	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	126599	76.066	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	146051	76.088	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	75396	72.608	ug/l	99
56) Ethyl methacrylate	10.508	69	103550	80.331	ug/l	91
57) 1,3-Dichloropropane	10.788	76	124212	73.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	188841	339.037	ug/l	99
59) 2-Hexanone	10.825	43	227001	386.262	ug/l	92
60) Dibromochloromethane	10.977	129	89392	74.705	ug/l	99
61) 1,2-Dibromoethane	11.081	107	73954	74.349	ug/l	98
64) Tetrachloroethene	10.715	164	89710	77.898	ug/l	97
65) Chlorobenzene	11.514	112	241870	73.572	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	87127	73.778	ug/l	98
67) Ethyl Benzene	11.587	91	424426	76.599	ug/l	97
68) m/p-Xylenes	11.697	106	326335	154.932	ug/l	95
69) o-Xylene	12.026	106	154245	77.324	ug/l	94
70) Styrene	12.038	104	265554	78.057	ug/l	99
71) Bromoform	12.203	173	54365	77.029	ug/l #	100
73) Isopropylbenzene	12.325	105	407128	76.729	ug/l	100
74) N-amyl acetate	12.142	43	108291	78.050	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	86249	70.474	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	59244m	40.536	ug/l	
77) Bromobenzene	12.605	156	95493	72.747	ug/l	91
78) n-propylbenzene	12.666	91	508209	74.010	ug/l	99
79) 2-Chlorotoluene	12.751	91	291745	73.273	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	343582	76.165	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	31875	74.048	ug/l	93
82) 4-Chlorotoluene	12.849	91	302708	74.181	ug/l	96
83) tert-Butylbenzene	13.074	119	300110	77.111	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	337515	75.915	ug/l	100
85) sec-Butylbenzene	13.251	105	445527	75.333	ug/l	98
86) p-Isopropyltoluene	13.367	119	361551	76.458	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	185701	71.174	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	190679	71.724	ug/l	99
89) n-Butylbenzene	13.696	91	353515	77.666	ug/l	98
90) Hexachloroethane	13.958	117	74202	73.479	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	170943	72.854	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14306	75.240	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	103676	76.763	ug/l	98
94) Hexachlorobutadiene	15.111	225	54269	72.177	ug/l	97
95) Naphthalene	15.233	128	236009	82.963	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	92997	77.578	ug/l	98

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

