

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071822\
 Data File : VY009573.D
 Acq On : 18 Jul 2022 14:52
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/19/2022
 Supervised By :Mahesh Dadoda 07/19/2022

Quant Time: Jul 19 02:51:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 02:49:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	208338	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	312567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	280151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40255	20.430	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.860%#		
35) Dibromofluoromethane	7.710	113	39923	20.274	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.540%#		
50) Toluene-d8	10.173	98	153289	20.249	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	40.500%#		
62) 4-Bromofluorobenzene	12.477	95	50431	20.560	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	41.120%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	36652	20.049	ug/l	98
3) Chloromethane	2.107	50	54985	20.297	ug/l	96
4) Vinyl Chloride	2.241	62	57398	20.261	ug/l	95
5) Bromomethane	2.625	94	37237	19.420	ug/l	96
6) Chloroethane	2.778	64	34702	20.166	ug/l	96
7) Trichlorofluoromethane	3.107	101	68985	20.550	ug/l	95
8) Diethyl Ether	3.521	74	22867	20.819	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.881	101	40344	20.552	ug/l	95
10) Methyl Iodide	4.076	142	52828	20.259	ug/l	# 88
11) Tert butyl alcohol	4.948	59	18944	81.613	ug/l	97
12) 1,1-Dichloroethene	3.857	96	38727	20.213	ug/l	86
13) Acrolein	3.716	56	15325	108.792	ug/l	100
14) Allyl chloride	4.466	41	58683	19.800	ug/l	# 93
15) Acrylonitrile	5.149	53	56181	103.567	ug/l	96
16) Acetone	3.942	43	46415	93.120	ug/l	90
17) Carbon Disulfide	4.180	76	121545	20.407	ug/l	99
18) Methyl Acetate	4.466	43	28842	20.614	ug/l	# 90
19) Methyl tert-butyl Ether	5.210	73	101509	20.103	ug/l	96
20) Methylene Chloride	4.704	84	68262	19.152	ug/l	86
21) trans-1,2-Dichloroethene	5.204	96	44272	20.416	ug/l	86
22) Diisopropyl ether	6.106	45	128268	20.268	ug/l	95
23) Vinyl Acetate	6.045	43	403123	100.957	ug/l	# 94
24) 1,1-Dichloroethane	6.003	63	74286	20.323	ug/l	97
25) 2-Butanone	6.978	43	73007	100.412	ug/l	# 89
26) 2,2-Dichloropropane	6.972	77	64072	19.567	ug/l	91
27) cis-1,2-Dichloroethene	6.972	96	47930	19.992	ug/l	87
28) Bromochloromethane	7.320	49	29695	18.961	ug/l	# 83
29) Tetrahydrofuran	7.344	42	48796	102.222	ug/l	90
30) Chloroform	7.496	83	76075	20.345	ug/l	99
31) Cyclohexane	7.771	56	68088	19.598	ug/l	91
32) 1,1,1-Trichloroethane	7.691	97	67673	20.177	ug/l	95
36) 1,1-Dichloropropene	7.905	75	58851	20.224	ug/l	96
37) Ethyl Acetate	7.063	43	33459	20.660	ug/l	96
38) Carbon Tetrachloride	7.893	117	61231	20.101	ug/l	99
39) Methylcyclohexane	9.179	83	72526	20.214	ug/l	90
40) Benzene	8.155	78	172047	20.206	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	16860m	21.005	ug/l	
42) 1,2-Dichloroethane	8.228	62	48456	20.287	ug/l	91
43) Isopropyl Acetate	8.264	43	60399	20.353	ug/l #	94
44) Trichloroethene	8.935	130	48862	20.178	ug/l	92
45) 1,2-Dichloropropane	9.209	63	42171	20.187	ug/l	94
46) Dibromomethane	9.301	93	25077	20.669	ug/l	98
47) Bromodichloromethane	9.490	83	56413	19.829	ug/l	98
48) Methyl methacrylate	9.289	41	27378	20.881	ug/l	89
49) 1,4-Dioxane	9.289	88	6881	425.480	ug/l #	90
51) 4-Methyl-2-Pentanone	10.063	43	160141	103.931	ug/l	92
52) Toluene	10.240	92	109639	20.328	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	58495	19.907	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	68217	20.418	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	35029	20.500	ug/l	96
56) Ethyl methacrylate	10.502	69	43318	19.815	ug/l #	84
57) 1,3-Dichloropropane	10.782	76	57478	20.271	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	97536	120.131	ug/l	95
59) 2-Hexanone	10.825	43	110525	103.132	ug/l	92
60) Dibromochloromethane	10.977	129	41210	19.931	ug/l	99
61) 1,2-Dibromoethane	11.081	107	34142	20.480	ug/l	99
64) Tetrachloroethene	10.715	164	44486	20.290	ug/l	97
65) Chlorobenzene	11.514	112	115963	20.256	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	43884	20.632	ug/l	98
67) Ethyl Benzene	11.587	91	202231	20.085	ug/l	99
68) m/p-Xylenes	11.697	106	163599	40.827	ug/l	90
69) o-Xylene	12.026	106	75508	20.136	ug/l	90
70) Styrene	12.038	104	126323	20.254	ug/l	94
71) Bromoform	12.203	173	27533	20.512	ug/l #	99
73) Isopropylbenzene	12.325	105	200492	20.307	ug/l	99
74) N-amyl acetate	12.142	43	53412	20.342	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.575	83	40933	20.702	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	26701m	19.007	ug/l	
77) Bromobenzene	12.605	156	50606	20.384	ug/l	89
78) n-propylbenzene	12.666	91	241959	20.282	ug/l	97
79) 2-Chlorotoluene	12.751	91	132859	20.087	ug/l	94
80) 1,3,5-Trimethylbenzene	12.806	105	166553	20.416	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	13559	19.682	ug/l	89
82) 4-Chlorotoluene	12.849	91	137419	20.026	ug/l	96
83) tert-Butylbenzene	13.068	119	141429	19.513	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	164737	20.192	ug/l	97
85) sec-Butylbenzene	13.251	105	216076	20.108	ug/l	97
86) p-Isopropyltoluene	13.367	119	182572	20.217	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	98304	20.016	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	97749	20.074	ug/l	99
89) n-Butylbenzene	13.690	91	165982	20.125	ug/l	99
90) Hexachloroethane	13.959	117	35428	20.363	ug/l	95
91) 1,2-Dichlorobenzene	13.733	146	87093	20.300	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	6176	20.532	ug/l	72
93) 1,2,4-Trichlorobenzene	15.001	180	53482	19.861	ug/l	99
94) Hexachlorobutadiene	15.111	225	33282	20.834	ug/l	99
95) Naphthalene	15.233	128	101687	19.779	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	48030	20.305	ug/l	99

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

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