

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
 Data File : VN074580.D
 Acq On : 19 Sep 2022 12:48
 Operator : JC\MD
 Sample : VN0919WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBS01

Quant Time: Sep 20 04:18:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	191139	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	364202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	334823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	143909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	170035	52.429	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.860%			
35) Dibromofluoromethane	7.945	113	126568	52.315	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.640%			
50) Toluene-d8	10.380	98	467068	49.919	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.840%			
62) 4-Bromofluorobenzene	12.674	95	156619	48.874	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.740%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	35242	16.941	ug/l	98
3) Chloromethane	2.263	50	81234	23.355	ug/l	95
4) Vinyl Chloride	2.404	62	94145	25.143	ug/l	89
5) Bromomethane	2.793	94	68580	34.730	ug/l	100
6) Chloroethane	2.963	64	84106	32.884	ug/l	91
7) Trichlorofluoromethane	3.310	101	74063	17.911	ug/l	99
8) Diethyl Ether	3.757	74	40853	19.374	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.140	101	51220	20.022	ug/l #	85
10) Methyl Iodide	4.351	142	59564	19.737	ug/l #	85
11) Tert butyl alcohol	5.281	59	103892	98.339	ug/l	100
12) 1,1-Dichloroethene	4.110	96	49376	20.012	ug/l	91
13) Acrolein	3.975	56	44263	114.728	ug/l	96
14) Allyl chloride	4.757	41	121784	20.260	ug/l #	95
15) Acrylonitrile	5.475	53	271139	114.238	ug/l	98
16) Acetone	4.216	43	228739	110.221	ug/l	89
17) Carbon Disulfide	4.451	76	120798	17.499	ug/l #	92
18) Methyl Acetate	4.775	43	146625	22.748	ug/l #	87
19) Methyl tert-butyl Ether	5.528	73	215877	20.347	ug/l	98
20) Methylene Chloride	5.004	84	67368	21.281	ug/l #	74
21) trans-1,2-Dichloroethene	5.504	96	53324	19.549	ug/l	93
22) Diisopropyl ether	6.404	45	261578	21.671	ug/l #	90
23) Vinyl Acetate	6.345	43	1179553	110.797	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	121826	20.192	ug/l	96
25) 2-Butanone	7.257	43	404046	117.264	ug/l #	85
26) 2,2-Dichloropropane	7.245	77	89693	17.243	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	65118	18.399	ug/l	83
28) Bromochloromethane	7.575	49	36685	20.632	ug/l #	64
29) Tetrahydrofuran	7.610	42	265997	117.415	ug/l #	81
30) Chloroform	7.745	83	113439	20.370	ug/l	92
31) Cyclohexane	8.022	56	110858	19.258	ug/l	89
32) 1,1,1-Trichloroethane	7.939	97	89742	18.374	ug/l	93
36) 1,1-Dichloropropene	8.145	75	80769	18.861	ug/l	94
37) Ethyl Acetate	7.339	43	159736	24.154	ug/l #	92
38) Carbon Tetrachloride	8.133	117	73018	18.468	ug/l	98
39) Methylcyclohexane	9.398	83	95462	18.747	ug/l	91
40) Benzene	8.386	78	268453	20.273	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	69651	21.784	ug/l	88
42) 1,2-Dichloroethane	8.463	62	95371	20.987	ug/l	97
43) Isopropyl Acetate	8.492	43	231517	22.349	ug/l #	90
44) Trichloroethene	9.145	130	53798	18.775	ug/l	91
45) 1,2-Dichloropropane	9.427	63	74679	20.520	ug/l	99
46) Dibromomethane	9.510	93	47100	20.665	ug/l #	83
47) Bromodichloromethane	9.698	83	97664	21.856	ug/l	91
48) Methyl methacrylate	9.498	41	100513	21.883	ug/l #	80
49) 1,4-Dioxane	9.504	88	38940	440.952	ug/l #	90
51) 4-Methyl-2-Pentanone	10.269	43	812674	120.135	ug/l	87
52) Toluene	10.445	92	162635	20.944	ug/l	98
53) t-1,3-Dichloropropene	10.663	75	104159	20.000	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	106342	19.080	ug/l #	87
55) 1,1,2-Trichloroethane	10.839	97	68171	20.726	ug/l	95
56) Ethyl methacrylate	10.704	69	117876	20.063	ug/l #	73
57) 1,3-Dichloropropane	10.986	76	120914	20.967	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	252052	97.479	ug/l #	89
59) 2-Hexanone	11.027	43	617356	119.549	ug/l	87
60) Dibromochloromethane	11.180	129	65112	20.679	ug/l	100
61) 1,2-Dibromoethane	11.286	107	67674	21.179	ug/l	99
64) Tetrachloroethene	10.916	164	42911	18.675	ug/l	96
65) Chlorobenzene	11.710	112	161875	19.258	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.786	131	57250	18.746	ug/l	94
67) Ethyl Benzene	11.786	91	300641	19.481	ug/l	99
68) m/p-Xylenes	11.898	106	226928	39.771	ug/l	98
69) o-Xylene	12.221	106	112992	19.422	ug/l	97
70) Styrene	12.233	104	190079	19.642	ug/l	99
71) Bromoform	12.398	173	42584	18.972	ug/l #	99
73) Isopropylbenzene	12.521	105	293481	19.917	ug/l	96
74) N-amyl acetate	12.333	43	194371	21.097	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.768	83	119066	20.164	ug/l	97
76) 1,2,3-Trichloropropane	12.827	75	89347m	20.170	ug/l	
77) Bromobenzene	12.804	156	63177	20.071	ug/l	80
78) n-propylbenzene	12.863	91	344882	19.652	ug/l	94
79) 2-Chlorotoluene	12.945	91	198694	18.965	ug/l	99
80) 1,3,5-Trimethylbenzene	13.004	105	233835	19.467	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.568	75	39781	19.383	ug/l	95
82) 4-Chlorotoluene	13.045	91	195518	19.634	ug/l	93
83) tert-Butylbenzene	13.268	119	206642	18.903	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	236062	19.528	ug/l	99
85) sec-Butylbenzene	13.445	105	290051	19.323	ug/l	96
86) p-Isopropyltoluene	13.557	119	230990	19.739	ug/l	96
87) 1,3-Dichlorobenzene	13.557	146	113835	19.680	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	114632	19.719	ug/l	95
89) n-Butylbenzene	13.886	91	208238	19.743	ug/l	94
90) Hexachloroethane	14.151	117	45805	17.990	ug/l	76
91) 1,2-Dichlorobenzene	13.927	146	118069	19.676	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	25532	19.581	ug/l	80
93) 1,2,4-Trichlorobenzene	15.198	180	55874	19.544	ug/l	95
94) Hexachlorobutadiene	15.304	225	24416	19.433	ug/l	97
95) Naphthalene	15.439	128	239616	20.423	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	55043	19.420	ug/l	98

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

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