

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
 Data File : VN073555.D
 Acq On : 21 Jul 2022 14:49
 Operator : JC\MD
 Sample : VN0721WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS01

Quant Time: Jul 22 07:59:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022
 Supervised By :Semsettin Yesilyurt 07/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	217801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	373970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	348797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	164325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	152564	48.522	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.040%		
35) Dibromofluoromethane	7.951	113	125080	50.272	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.540%		
50) Toluene-d8	10.380	98	417482	47.244	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.480%		
62) 4-Bromofluorobenzene	12.669	95	165812	48.826	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	46777	14.690	ug/l	95
3) Chloromethane	2.269	50	46802	15.139	ug/l	96
4) Vinyl Chloride	2.405	62	45797	17.435	ug/l	99
5) Bromomethane	2.793	94	21903	17.654	ug/l	96
6) Chloroethane	2.957	64	30505	19.742	ug/l	95
7) Trichlorofluoromethane	3.310	101	71003	15.635	ug/l	99
8) Diethyl Ether	3.763	74	35695	19.309	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.134	101	45179	16.837	ug/l	99
10) Methyl Iodide	4.351	142	31405	11.703	ug/l	94
11) Tert butyl alcohol	5.298	59	90468	118.776	ug/l	99
12) 1,1-Dichloroethene	4.110	96	43570	16.993	ug/l	85
13) Acrolein	3.975	56	11595	24.085	ug/l	93
14) Allyl chloride	4.763	41	102899	19.051	ug/l #	90
15) Acrylonitrile	5.481	53	225521	115.019	ug/l	98
16) Acetone	4.228	43	208703	118.253	ug/l	94
17) Carbon Disulfide	4.451	76	87070	13.097	ug/l	98
18) Methyl Acetate	4.781	43	129717	26.227	ug/l #	89
19) Methyl tert-butyl Ether	5.540	73	189415	20.270	ug/l	97
20) Methylene Chloride	5.016	84	58596	18.892	ug/l	87
21) trans-1,2-Dichloroethene	5.516	96	46161	17.230	ug/l	95
22) Diisopropyl ether	6.416	45	212968	21.130	ug/l	96
23) Vinyl Acetate	6.351	43	895448	99.230	ug/l #	93
24) 1,1-Dichloroethane	6.298	63	103564	19.856	ug/l	96
25) 2-Butanone	7.263	43	344467	122.591	ug/l	91
26) 2,2-Dichloropropane	7.251	77	72437	15.016	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	58705	18.095	ug/l	92
28) Bromochloromethane	7.581	49	45957	21.039	ug/l	85
29) Tetrahydrofuran	7.610	42	223964	116.406	ug/l	87
30) Chloroform	7.745	83	104447	19.882	ug/l	98
31) Cyclohexane	8.016	56	84435	16.397	ug/l	86
32) 1,1,1-Trichloroethane	7.939	97	87649	18.722	ug/l	98
36) 1,1-Dichloropropene	8.151	75	67357	17.594	ug/l	98
37) Ethyl Acetate	7.340	43	120964	20.911	ug/l	94
38) Carbon Tetrachloride	8.139	117	68511	17.305	ug/l	94
39) Methylcyclohexane	9.398	83	75817	15.907	ug/l	93
40) Benzene	8.392	78	225885	19.118	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	61493	21.919	ug/l #	89
42) 1,2-Dichloroethane	8.469	62	84291	19.681	ug/l	100
43) Isopropyl Acetate	8.498	43	178094	21.422	ug/l	93
44) Trichloroethene	9.151	130	54397	18.092	ug/l	95
45) 1,2-Dichloropropane	9.428	63	62127	20.630	ug/l	95
46) Dibromomethane	9.516	93	39580	19.357	ug/l	94
47) Bromodichloromethane	9.698	83	80075	20.220	ug/l #	98
48) Methyl methacrylate	9.498	41	80373	20.880	ug/l	89
49) 1,4-Dioxane	9.510	88	38328	524.513	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	638244	121.062	ug/l	91
52) Toluene	10.445	92	140005	19.174	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	83298	19.107	ug/l	95
54) cis-1,3-Dichloropropene	10.128	75	90537	19.236	ug/l #	85
55) 1,1,2-Trichloroethane	10.839	97	62848	20.908	ug/l	98
56) Ethyl methacrylate	10.704	69	99868	20.555	ug/l #	83
57) 1,3-Dichloropropane	10.986	76	104198	20.221	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	233058	107.556	ug/l	93
59) 2-Hexanone	11.028	43	499937	124.402	ug/l	89
60) Dibromochloromethane	11.180	129	61196	21.353	ug/l	98
61) 1,2-Dibromoethane	11.286	107	60574	20.175	ug/l	98
64) Tetrachloroethene	10.916	164	53268	18.702	ug/l	95
65) Chlorobenzene	11.710	112	148267	18.795	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.780	131	57625	19.860	ug/l	98
67) Ethyl Benzene	11.786	91	265041	18.507	ug/l	98
68) m/p-Xylenes	11.892	106	202478	37.462	ug/l	99
69) o-Xylene	12.222	106	103660	18.787	ug/l	97
70) Styrene	12.233	104	167106	19.616	ug/l	100
71) Bromoform	12.398	173	45730	21.539	ug/l #	99
73) Isopropylbenzene	12.522	105	268663	18.933	ug/l	99
74) N-amyl acetate	12.333	43	140183	19.729	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	100340	21.309	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	79478m	18.497	ug/l	
77) Bromobenzene	12.804	156	62629	18.983	ug/l	90
78) n-propylbenzene	12.863	91	298400	18.929	ug/l	98
79) 2-Chlorotoluene	12.945	91	182281	18.270	ug/l	98
80) 1,3,5-Trimethylbenzene	13.004	105	220760	19.087	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	28298	18.062	ug/l	86
82) 4-Chlorotoluene	13.045	91	171628	17.768	ug/l	100
83) tert-Butylbenzene	13.263	119	202039	19.485	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	218665	18.936	ug/l	98
85) sec-Butylbenzene	13.439	105	272011	19.536	ug/l	99
86) p-Isopropyltoluene	13.557	119	222900	19.817	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	108862	18.393	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	108625	18.317	ug/l	98
89) n-Butylbenzene	13.880	91	177479	18.936	ug/l	99
90) Hexachloroethane	14.151	117	40999	19.559	ug/l	90
91) 1,2-Dichlorobenzene	13.927	146	115791	19.205	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	25110	21.940	ug/l	93
93) 1,2,4-Trichlorobenzene	15.198	180	62013	19.753	ug/l	99
94) Hexachlorobutadiene	15.304	225	29885	21.414	ug/l	100
95) Naphthalene	15.439	128	254655	20.107	ug/l	98
96) 1,2,3-Trichlorobenzene	15.627	180	66275	20.465	ug/l	97

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

