

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071522\
 Data File : VN073477.D
 Acq On : 15 Jul 2022 11:29
 Operator : JC\MD
 Sample : VN0715WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBS01

Quant Time: Jul 16 04:12:10 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 : John Carlone 07/18/2022
 Supervised By : Mahesh Dadoda 07/18/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	207647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	366379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	322935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	153262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	166803	55.645	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.300%			
35) Dibromofluoromethane	7.951	113	130092	53.369	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.740%			
50) Toluene-d8	10.380	98	441369	50.982	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.960%			
62) 4-Bromofluorobenzene	12.668	95	171607	51.580	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	53611	17.659	ug/l	100
3) Chloromethane	2.269	50	51252	17.389	ug/l	98
4) Vinyl Chloride	2.404	62	45079	18.001	ug/l	99
5) Bromomethane	2.804	94	24052	20.335	ug/l	86
6) Chloroethane	2.969	64	28967	19.664	ug/l	89
7) Trichlorofluoromethane	3.316	101	79082	18.266	ug/l	98
8) Diethyl Ether	3.769	74	35080	19.904	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.140	101	48115	18.808	ug/l	96
10) Methyl Iodide	4.351	142	43455	15.456	ug/l	95
11) Tert butyl alcohol	5.281	59	77162	106.261	ug/l	99
12) 1,1-Dichloroethene	4.116	96	43175	17.663	ug/l	98
13) Acrolein	3.993	56	21435	46.701	ug/l	94
14) Allyl chloride	4.757	41	103935	20.183	ug/l #	89
15) Acrylonitrile	5.475	53	216714	115.932	ug/l	99
16) Acetone	4.222	43	195989	116.479	ug/l	93
17) Carbon Disulfide	4.451	76	97927	15.450	ug/l	98
18) Methyl Acetate	4.775	43	116084	24.619	ug/l #	90
19) Methyl tert-butyl Ether	5.534	73	181753	20.401	ug/l	98
20) Methylene Chloride	5.022	84	57320	19.384	ug/l	96
21) trans-1,2-Dichloroethene	5.516	96	46537	18.220	ug/l	91
22) Diisopropyl ether	6.410	45	210675	21.925	ug/l	95
23) Vinyl Acetate	6.351	43	895049	104.036	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	108678	21.855	ug/l	98
25) 2-Butanone	7.257	43	317322	118.452	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	83668	18.193	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	59483	19.231	ug/l	94
28) Bromochloromethane	7.586	49	45055	21.634	ug/l #	80
29) Tetrahydrofuran	7.610	42	210973	115.016	ug/l #	85
30) Chloroform	7.745	83	106585	21.281	ug/l	98
31) Cyclohexane	8.028	56	86111	17.540	ug/l	87
32) 1,1,1-Trichloroethane	7.939	97	88380	19.802	ug/l	99
36) 1,1-Dichloropropene	8.151	75	69306	18.478	ug/l	98
37) Ethyl Acetate	7.333	43	120050	21.183	ug/l #	95
38) Carbon Tetrachloride	8.133	117	71492	18.432	ug/l	98
39) Methylcyclohexane	9.398	83	78038	16.712	ug/l	92
40) Benzene	8.392	78	230132	19.881	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	61226	22.276	ug/l #	82
42) 1,2-Dichloroethane	8.463	62	86509	20.617	ug/l	98
43) Isopropyl Acetate	8.492	43	174487	21.423	ug/l #	92
44) Trichloroethene	9.151	130	50859	17.266	ug/l	83
45) 1,2-Dichloropropane	9.427	63	60896	20.641	ug/l	99
46) Dibromomethane	9.516	93	40189	20.062	ug/l	90
47) Bromodichloromethane	9.698	83	81348	20.967	ug/l	96
48) Methyl methacrylate	9.498	41	74690	19.806	ug/l	92
49) 1,4-Dioxane	9.504	88	31336	437.714	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	603140	116.774	ug/l	89
52) Toluene	10.445	92	139245	19.465	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	82179	19.240	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	90807	19.693	ug/l #	91
55) 1,1,2-Trichloroethane	10.839	97	58862	19.987	ug/l	98
56) Ethyl methacrylate	10.698	69	92114	19.352	ug/l #	86
57) 1,3-Dichloropropane	10.986	76	101476	20.101	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	215076	101.313	ug/l	93
59) 2-Hexanone	11.027	43	453051	115.071	ug/l	89
60) Dibromochloromethane	11.180	129	57147	20.353	ug/l	97
61) 1,2-Dibromoethane	11.286	107	57329	19.489	ug/l	98
64) Tetrachloroethene	10.916	164	48767	18.493	ug/l	94
65) Chlorobenzene	11.710	112	144856	19.833	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	53068	19.754	ug/l	100
67) Ethyl Benzene	11.780	91	255974	19.305	ug/l	98
68) m/p-Xylenes	11.892	106	192273	38.423	ug/l	95
69) o-Xylene	12.221	106	97210	19.029	ug/l	97
70) Styrene	12.233	104	156085	19.790	ug/l	98
71) Bromoform	12.398	173	40174	20.437	ug/l #	99
73) Isopropylbenzene	12.521	105	248915	18.808	ug/l	98
74) N-amyl acetate	12.327	43	127501	19.240	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.768	83	92454	21.051	ug/l	96
76) 1,2,3-Trichloropropane	12.821	75	82113m	20.490	ug/l	
77) Bromobenzene	12.798	156	56525	18.370	ug/l	84
78) n-propylbenzene	12.857	91	283241	19.264	ug/l	96
79) 2-Chlorotoluene	12.945	91	177745	19.101	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	207040	19.193	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	26336	18.023	ug/l	88
82) 4-Chlorotoluene	13.045	91	169873	18.856	ug/l	95
83) tert-Butylbenzene	13.262	119	181440	18.761	ug/l	94
84) 1,2,4-Trimethylbenzene	13.310	105	203579	18.902	ug/l	98
85) sec-Butylbenzene	13.439	105	255289	19.658	ug/l	98
86) p-Isopropyltoluene	13.557	119	198798	18.950	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	103343	18.721	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	100075	18.093	ug/l	96
89) n-Butylbenzene	13.880	91	161235	18.444	ug/l	97
90) Hexachloroethane	14.145	117	38403	19.643	ug/l	86
91) 1,2-Dichlorobenzene	13.927	146	108223	19.245	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	20894	19.574	ug/l	88
93) 1,2,4-Trichlorobenzene	15.192	180	51675	17.648	ug/l	98
94) Hexachlorobutadiene	15.298	225	23721	18.224	ug/l	99
95) Naphthalene	15.433	128	199417	16.882	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	53713	17.783	ug/l	99

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

