

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071922\
 Data File : VN073514.D
 Acq On : 19 Jul 2022 14:15
 Operator : JC\MD
 Sample : VN0719WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01

Quant Time: Jul 20 06:24:27 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 07/20/2022
 Supervised By : Mahesh Dadoda 07/20/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	188057	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	337707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	304917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	146460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	149088	54.917	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.840%			
35) Dibromofluoromethane	7.951	113	120495	53.629	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.260%			
50) Toluene-d8	10.375	98	400484	50.186	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.380%			
62) 4-Bromofluorobenzene	12.669	95	154651	50.430	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	47843	17.401	ug/l	97
3) Chloromethane	2.269	50	49402	18.508	ug/l	95
4) Vinyl Chloride	2.405	62	41399	18.254	ug/l	98
5) Bromomethane	2.805	94	22969	21.442	ug/l	91
6) Chloroethane	2.963	64	27607	20.693	ug/l	99
7) Trichlorofluoromethane	3.316	101	74851	19.090	ug/l	98
8) Diethyl Ether	3.769	74	34049	21.332	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.140	101	48212	20.809	ug/l	93
10) Methyl Iodide	4.351	142	40346	15.764	ug/l	96
11) Tert butyl alcohol	5.287	59	75325	114.537	ug/l	98
12) 1,1-Dichloroethene	4.116	96	42086	19.011	ug/l	94
13) Acrolein	3.981	56	14119	33.966	ug/l	95
14) Allyl chloride	4.769	41	101661	21.798	ug/l #	87
15) Acrylonitrile	5.475	53	219362	129.573	ug/l	99
16) Acetone	4.222	43	194680	127.754	ug/l	94
17) Carbon Disulfide	4.457	76	88049	15.339	ug/l	98
18) Methyl Acetate	4.781	43	119528	27.990	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	180762	22.403	ug/l	95
20) Methylene Chloride	5.016	84	57869	21.609	ug/l	88
21) trans-1,2-Dichloroethene	5.510	96	43609	18.852	ug/l	89
22) Diisopropyl ether	6.416	45	206576	23.738	ug/l #	94
23) Vinyl Acetate	6.351	43	877330	112.600	ug/l #	93
24) 1,1-Dichloroethane	6.298	63	103428	22.966	ug/l	97
25) 2-Butanone	7.257	43	318145	131.131	ug/l	90
26) 2,2-Dichloropropane	7.251	77	78116	18.755	ug/l	100
27) cis-1,2-Dichloroethene	7.251	96	57892	20.667	ug/l	95
28) Bromochloromethane	7.581	49	45836	24.302	ug/l #	79
29) Tetrahydrofuran	7.610	42	215379	129.649	ug/l #	84
30) Chloroform	7.745	83	105419	23.241	ug/l	99
31) Cyclohexane	8.022	56	82999	18.667	ug/l	88
32) 1,1,1-Trichloroethane	7.939	97	84539	20.914	ug/l	97
36) 1,1-Dichloropropene	8.151	75	67100	19.409	ug/l	96
37) Ethyl Acetate	7.340	43	125828	24.088	ug/l #	92
38) Carbon Tetrachloride	8.134	117	65257	18.253	ug/l	98
39) Methylcyclohexane	9.392	83	72142	16.761	ug/l #	87
40) Benzene	8.387	78	218800	20.507	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	59866	23.631	ug/l #	83
42) 1,2-Dichloroethane	8.463	62	82120	21.233	ug/l	97
43) Isopropyl Acetate	8.492	43	173098	23.057	ug/l #	92
44) Trichloroethene	9.151	130	52490	19.332	ug/l	95
45) 1,2-Dichloropropane	9.428	63	61144	22.484	ug/l	100
46) Dibromomethane	9.510	93	39571	21.431	ug/l	90
47) Bromodichloromethane	9.698	83	78695	22.005	ug/l	98
48) Methyl methacrylate	9.498	41	80583	23.183	ug/l #	86
49) 1,4-Dioxane	9.504	88	30358	460.055	ug/l #	90
51) 4-Methyl-2-Pentanone	10.269	43	609867	128.101	ug/l	90
52) Toluene	10.445	92	132393	20.079	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	79611	20.222	ug/l	94
54) cis-1,3-Dichloropropene	10.128	75	88478	20.817	ug/l	94
55) 1,1,2-Trichloroethane	10.839	97	58995	21.733	ug/l	99
56) Ethyl methacrylate	10.704	69	92782	21.147	ug/l #	86
57) 1,3-Dichloropropane	10.986	76	100250	21.544	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.981	63	208607	106.609	ug/l	93
59) 2-Hexanone	11.028	43	459581	126.640	ug/l	88
60) Dibromochloromethane	11.180	129	57111	22.067	ug/l	98
61) 1,2-Dibromoethane	11.286	107	57350	21.152	ug/l	99
64) Tetrachloroethene	10.910	164	47266	18.983	ug/l	97
65) Chlorobenzene	11.710	112	136211	19.752	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	52688	20.772	ug/l	98
67) Ethyl Benzene	11.780	91	246949	19.725	ug/l	98
68) m/p-Xylenes	11.892	106	188845	39.968	ug/l	96
69) o-Xylene	12.222	106	92690	19.216	ug/l	95
70) Styrene	12.233	104	152426	20.468	ug/l	98
71) Bromoform	12.398	173	39773	21.429	ug/l #	99
73) Isopropylbenzene	12.516	105	243125	19.223	ug/l	97
74) N-amyl acetate	12.327	43	124544	19.666	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.769	83	92848	22.123	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	80267m	20.959	ug/l	
77) Bromobenzene	12.798	156	55628	18.918	ug/l	82
78) n-propylbenzene	12.863	91	276159	19.655	ug/l	98
79) 2-Chlorotoluene	12.945	91	177157	19.922	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	202322	19.626	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	26994	19.331	ug/l	91
82) 4-Chlorotoluene	13.045	91	164189	19.072	ug/l	97
83) tert-Butylbenzene	13.263	119	174945	18.930	ug/l	94
84) 1,2,4-Trimethylbenzene	13.304	105	202252	19.651	ug/l	96
85) sec-Butylbenzene	13.439	105	248558	20.029	ug/l	97
86) p-Isopropyltoluene	13.557	119	192705	19.223	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	101164	19.177	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	100378	18.991	ug/l	97
89) n-Butylbenzene	13.880	91	156907	18.783	ug/l	98
90) Hexachloroethane	14.145	117	37508	20.076	ug/l	84
91) 1,2-Dichlorobenzene	13.927	146	106848	19.883	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	21557	21.133	ug/l	85
93) 1,2,4-Trichlorobenzene	15.192	180	50734	18.132	ug/l	98
94) Hexachlorobutadiene	15.298	225	23002	18.493	ug/l	95
95) Naphthalene	15.433	128	195612	17.329	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	53954	18.693	ug/l	98

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

