

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077447.D
 Acq On : 25 Apr 2023 04:52
 Operator : JC\MD
 Sample : VN0424WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBS01

Quant Time: Apr 25 08:39:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/25/2023
 Supervised By : Mahesh Dadoda 04/25/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	568775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1068462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	947909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	366748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	383505	51.672	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.340%			
35) Dibromofluoromethane	8.172	113	329723	51.343	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.680%			
50) Toluene-d8	10.572	98	1296977	52.696	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.400%			
62) 4-Bromofluorobenzene	12.854	95	414945	51.529	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	118953	16.591	ug/l	93
3) Chloromethane	2.372	50	97078	17.027	ug/l	99
4) Vinyl Chloride	2.525	62	130414	17.171	ug/l	99
5) Bromomethane	2.966	94	112405	17.085	ug/l	95
6) Chloroethane	3.131	64	96927	16.798	ug/l	95
7) Trichlorofluoromethane	3.507	101	186043	16.666	ug/l	93
8) Diethyl Ether	3.972	74	69152	17.047	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.390	101	109127	16.809	ug/l	99
10) Methyl Iodide	4.595	142	128556	16.118	ug/l	96
11) Tert butyl alcohol	5.537	59	106228	89.157	ug/l	98
12) 1,1-Dichloroethene	4.354	96	106222	16.735	ug/l	97
13) Acrolein	4.190	56	94807	79.988	ug/l	99
14) Allyl chloride	5.037	41	112409	15.929	ug/l	91
15) Acrylonitrile	5.731	53	241578	89.377	ug/l	99
16) Acetone	4.443	43	194840	82.518	ug/l	98
17) Carbon Disulfide	4.725	76	256129	15.880	ug/l	100
18) Methyl Acetate	5.031	43	184410	20.224	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	365023	17.292	ug/l	98
20) Methylene Chloride	5.284	84	168347	22.482	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	117069	17.057	ug/l	95
22) Diisopropyl ether	6.678	45	276774	17.089	ug/l	97
23) Vinyl Acetate	6.613	43	742512	73.409	ug/l	100
24) 1,1-Dichloroethane	6.584	63	192434	16.785	ug/l	99
25) 2-Butanone	7.489	43	293797	87.728	ug/l	96
26) 2,2-Dichloropropane	7.495	77	153992	13.853	ug/l	93
27) cis-1,2-Dichloroethene	7.495	96	132853	16.344	ug/l	98
28) Bromochloromethane	7.819	49	70383	16.076	ug/l	98
29) Tetrahydrofuran	7.842	42	183458	87.432	ug/l	98
30) Chloroform	7.972	83	228533	17.688	ug/l	91
31) Cyclohexane	8.266	56	168889	16.064	ug/l	91
32) 1,1,1-Trichloroethane	8.172	97	206520	17.386	ug/l	97
36) 1,1-Dichloropropene	8.378	75	160534	17.303	ug/l	97
37) Ethyl Acetate	7.566	43	120239	17.055	ug/l	98
38) Carbon Tetrachloride	8.366	117	172352	16.837	ug/l	98
39) Methylcyclohexane	9.607	83	200755	16.423	ug/l	98
40) Benzene	8.613	78	492761	17.434	ug/l	97

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41) Methacrylonitrile	7.784	41	64357	17.527	ug/l	99
42) 1,2-Dichloroethane	8.672	62	165455	17.044	ug/l	100
43) Isopropyl Acetate	8.695	43	214506	17.587	ug/l	99
44) Trichloroethene	9.354	130	124958	17.267	ug/l	98
45) 1,2-Dichloropropane	9.625	63	114062	17.228	ug/l	91
46) Dibromomethane	9.713	93	91204	16.977	ug/l	98
47) Bromodichloromethane	9.895	83	177147	17.047	ug/l #	97
48) Methyl methacrylate	9.683	41	93090	16.767	ug/l	97
49) 1,4-Dioxane	9.701	88	46824	336.240	ug/l #	96
51) 4-Methyl-2-Pentanone	10.448	43	640222	89.493	ug/l	99
52) Toluene	10.630	92	326041	17.609	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	173489	16.488	ug/l	98
54) cis-1,3-Dichloropropene	10.319	75	191775	16.744	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	127300	17.097	ug/l	95
56) Ethyl methacrylate	10.877	69	184306	17.666	ug/l	97
57) 1,3-Dichloropropane	11.166	76	208642	17.592	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	332074	94.103	ug/l	100
59) 2-Hexanone	11.195	43	467524	89.907	ug/l	97
60) Dibromochloromethane	11.360	129	130128	16.840	ug/l	98
61) 1,2-Dibromoethane	11.472	107	129341	17.015	ug/l	98
64) Tetrachloroethene	11.107	164	106827	18.827	ug/l	97
65) Chlorobenzene	11.889	112	340590	16.980	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	121567	16.658	ug/l	97
67) Ethyl Benzene	11.966	91	615206	17.423	ug/l	97
68) m/p-Xylenes	12.071	106	469347	34.200	ug/l	99
69) o-Xylene	12.401	106	235819	17.470	ug/l	98
70) Styrene	12.413	104	377176	17.867	ug/l	99
71) Bromoform	12.583	173	81680	17.108	ug/l #	99
73) Isopropylbenzene	12.701	105	601776	17.682	ug/l	98
74) N-amyl acetate	12.495	43	170623	16.934	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	183269	17.139	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	170970m	20.047	ug/l	
77) Bromobenzene	12.983	156	128303	17.298	ug/l	100
78) n-propylbenzene	13.036	91	653137	17.357	ug/l	99
79) 2-Chlorotoluene	13.130	91	398400	17.172	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	459133	18.166	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	46883	15.531	ug/l	92
82) 4-Chlorotoluene	13.224	91	371958	17.157	ug/l	98
83) tert-Butylbenzene	13.442	119	418116	17.035	ug/l	99
84) 1,2,4-Trimethylbenzene	13.489	105	413880	17.535	ug/l	100
85) sec-Butylbenzene	13.618	105	583841	17.330	ug/l	99
86) p-Isopropyltoluene	13.730	119	445294	17.179	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	222411	16.861	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	214512	16.470	ug/l	98
89) n-Butylbenzene	14.060	91	327373	16.320	ug/l	99
90) Hexachloroethane	14.336	117	94952	16.581	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	225352	17.225	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	33343	16.862	ug/l	96
93) 1,2,4-Trichlorobenzene	15.371	180	46495	15.609	ug/l	97
94) Hexachlorobutadiene	15.465	225	43535	16.467	ug/l	99
95) Naphthalene	15.589	128	170082	15.627	ug/l	99
96) 1,2,3-Trichlorobenzene	15.759	180	44432	15.806	ug/l	97

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

