

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073123\
 Data File : VN078702.D
 Acq On : 31 Jul 2023 13:59
 Operator : JC\MD
 Sample : VN0731WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2023
 Supervised By : Mahesh Dadoda 08/01/2023

Quant Time: Aug 01 01:16:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	770225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1289114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	1108917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	416082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	495054	47.944	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.880%		
35) Dibromofluoromethane	8.176	113	443975	50.735	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.460%		
50) Toluene-d8	10.570	98	1551451	46.931	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.860%		
62) 4-Bromofluorobenzene	12.853	95	514697	50.546	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	180523	19.116	ug/l	99
3) Chloromethane	2.371	50	197219	19.214	ug/l	99
4) Vinyl Chloride	2.524	62	389931	29.368	ug/l	98
5) Bromomethane	2.959	94	129492	11.600	ug/l	99
6) Chloroethane	3.124	64	117355	13.197	ug/l	94
7) Trichlorofluoromethane	3.506	101	288681	18.188	ug/l	98
8) Diethyl Ether	3.977	74	107940	20.412	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.377	101	166901	19.865	ug/l	94
10) Methyl Iodide	4.600	142	210785	18.257	ug/l	96
11) Tert butyl alcohol	5.541	59	155796	97.846	ug/l	99
12) 1,1-Dichloroethene	4.347	96	155396	19.120	ug/l	90
13) Acrolein	4.188	56	147924	94.426	ug/l	97
14) Allyl chloride	5.035	41	217649	19.598	ug/l	94
15) Acrylonitrile	5.730	53	420002	104.400	ug/l	99
16) Acetone	4.447	43	306665	95.343	ug/l	98
17) Carbon Disulfide	4.724	76	416130	17.707	ug/l	100
18) Methyl Acetate	5.035	43	283244	20.802	ug/l	89
19) Methyl tert-butyl Ether	5.800	73	532147	19.873	ug/l	98
20) Methylene Chloride	5.283	84	193735	20.272	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	171187	18.692	ug/l	87
22) Diisopropyl ether	6.682	45	539435	21.693	ug/l	92
23) Vinyl Acetate	6.612	43	1612415	101.996	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	330911	19.749	ug/l	100
25) 2-Butanone	7.494	43	509110	100.552	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	274429	20.025	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	205859	19.430	ug/l	92
28) Bromochloromethane	7.824	49	154849	19.621	ug/l	91
29) Tetrahydrofuran	7.847	42	342074	102.964	ug/l #	82
30) Chloroform	7.971	83	341531	19.578	ug/l	93
31) Cyclohexane	8.265	56	270957	19.417	ug/l	86
32) 1,1,1-Trichloroethane	8.176	97	297285	19.008	ug/l	97
36) 1,1-Dichloropropene	8.376	75	251029	19.867	ug/l	97
37) Ethyl Acetate	7.571	43	205349	19.495	ug/l	97
38) Carbon Tetrachloride	8.365	117	263011	19.152	ug/l	98
39) Methylcyclohexane	9.606	83	233728	20.265	ug/l	92
40) Benzene	8.618	78	756994	20.222	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	114830	21.385	ug/l	92
42) 1,2-Dichloroethane	8.676	62	252951	19.866	ug/l	100
43) Isopropyl Acetate	8.694	43	362095	20.880	ug/l	95
44) Trichloroethene	9.359	130	189663	18.799	ug/l	96
45) 1,2-Dichloropropane	9.629	63	200839	21.183	ug/l	96
46) Dibromomethane	9.718	93	134416	20.143	ug/l	90
47) Bromodichloromethane	9.894	83	264210	19.752	ug/l	95
48) Methyl methacrylate	9.688	41	161577	20.111	ug/l #	83
49) 1,4-Dioxane	9.700	88	67351	384.401	ug/l	89
51) 4-Methyl-2-Pentanone	10.453	43	1066625	103.406	ug/l	95
52) Toluene	10.635	92	468373	20.188	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	280928	20.500	ug/l	100
54) cis-1,3-Dichloropropene	10.317	75	312733	21.409	ug/l	98
55) 1,1,2-Trichloroethane	11.023	97	187637	20.527	ug/l	94
56) Ethyl methacrylate	10.882	69	269093	21.059	ug/l #	86
57) 1,3-Dichloropropane	11.170	76	320102	20.596	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	442533	97.181	ug/l	90
59) 2-Hexanone	11.200	43	727818	99.280	ug/l	95
60) Dibromochloromethane	11.364	129	201910	20.008	ug/l	100
61) 1,2-Dibromoethane	11.476	107	187539	19.916	ug/l	99
64) Tetrachloroethene	11.112	164	167393	20.078	ug/l	92
65) Chlorobenzene	11.894	112	477023	19.245	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.964	131	188084	19.725	ug/l	97
67) Ethyl Benzene	11.970	91	826441	19.725	ug/l	97
68) m/p-Xylenes	12.076	106	623265	40.234	ug/l	95
69) o-Xylene	12.406	106	301189	19.249	ug/l	93
70) Styrene	12.417	104	485393	19.829	ug/l	98
71) Bromoform	12.582	173	131091	20.299	ug/l #	99
73) Isopropylbenzene	12.700	105	769639	19.685	ug/l	99
74) N-amyl acetate	12.500	43	259820	19.284	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	248350	20.943	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	207781m	20.660	ug/l	
77) Bromobenzene	12.982	156	185912	20.969	ug/l	100
78) n-propylbenzene	13.041	91	830193	19.855	ug/l	100
79) 2-Chlorotoluene	13.129	91	544378	19.877	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	619593	20.057	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	76704	20.042	ug/l	94
82) 4-Chlorotoluene	13.229	91	501060	19.612	ug/l	100
83) tert-Butylbenzene	13.447	119	517319	19.725	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	593487	19.779	ug/l	100
85) sec-Butylbenzene	13.623	105	649485	19.592	ug/l	100
86) p-Isopropyltoluene	13.735	119	518700	19.486	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	291281	19.407	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	281241	18.603	ug/l	99
89) n-Butylbenzene	14.058	91	369473	19.399	ug/l	98
90) Hexachloroethane	14.341	117	103616	20.700	ug/l	79
91) 1,2-Dichlorobenzene	14.111	146	288992	19.348	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37085	18.608	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	73173	15.350	ug/l	99
94) Hexachlorobutadiene	15.505	225	61732	22.779	ug/l	97
95) Naphthalene	15.647	128	222071	13.626	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	88061	16.065	ug/l	99

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

