

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030624\
 Data File : VN081325.D
 Acq On : 06 Mar 2024 14:38
 Operator : JC\MD
 Sample : VN0306WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2024
 Supervised By : Mahesh Dadoda 03/07/2024

Quant Time: Mar 07 00:26:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	297869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	555326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	505780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	225999	52.474	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.940%			
35) Dibromofluoromethane	8.171	113	176647	51.920	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.840%			
50) Toluene-d8	10.571	98	660855	51.960	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.920%			
62) 4-Bromofluorobenzene	12.853	95	224877	50.026	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 100.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	81835	20.725	ug/l	94
3) Chloromethane	2.359	50	77030	18.060	ug/l	98
4) Vinyl Chloride	2.512	62	84623	19.019	ug/l #	89
5) Bromomethane	2.953	94	51939	17.478	ug/l	92
6) Chloroethane	3.124	64	57786	18.909	ug/l	98
7) Trichlorofluoromethane	3.500	101	124208	18.870	ug/l	91
8) Diethyl Ether	3.953	74	41234	17.781	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	67800	18.088	ug/l	92
10) Methyl Iodide	4.583	142	65105	18.980	ug/l	97
11) Tert butyl alcohol	5.524	59	74935	99.504	ug/l	99
12) 1,1-Dichloroethene	4.341	96	62688	18.059	ug/l	96
13) Acrolein	4.183	56	82624	92.654	ug/l	94
14) Allyl chloride	5.018	41	93059	18.064	ug/l #	90
15) Acrylonitrile	5.718	53	192772	97.984	ug/l	97
16) Acetone	4.424	43	154175	101.036	ug/l	98
17) Carbon Disulfide	4.718	76	177500	17.916	ug/l	99
18) Methyl Acetate	5.030	43	97210	22.251	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	217136	18.443	ug/l	95
20) Methylene Chloride	5.289	84	76369	19.770	ug/l	86
21) trans-1,2-Dichloroethene	5.794	96	69384	17.729	ug/l	87
22) Diisopropyl ether	6.671	45	224504	19.621	ug/l #	97
23) Vinyl Acetate	6.606	43	878959	94.557	ug/l	95
24) 1,1-Dichloroethane	6.571	63	133190	19.016	ug/l	99
25) 2-Butanone	7.488	43	254694	99.666	ug/l	95
26) 2,2-Dichloropropane	7.494	77	108419	17.514	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	81387	18.343	ug/l	90
28) Bromochloromethane	7.818	49	54553	18.202	ug/l #	68
29) Tetrahydrofuran	7.841	42	175028	100.442	ug/l	90
30) Chloroform	7.965	83	138538	19.060	ug/l	94
31) Cyclohexane	8.265	56	114723	17.594	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	125609	19.551	ug/l	88
36) 1,1-Dichloropropene	8.371	75	100789	18.362	ug/l	95
37) Ethyl Acetate	7.559	43	105185	19.603	ug/l	98
38) Carbon Tetrachloride	8.371	117	107650	19.487	ug/l	97
39) Methylcyclohexane	9.606	83	113541	17.974	ug/l	90
40) Benzene	8.612	78	306608	18.714	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	54491	17.983	ug/l	94
42) 1,2-Dichloroethane	8.671	62	111574	19.315	ug/l	98
43) Isopropyl Acetate	8.694	43	294045	31.310	ug/l #	86
44) Trichloroethene	9.353	130	75265	18.214	ug/l	98
45) 1,2-Dichloropropane	9.624	63	77029	18.716	ug/l	100
46) Dibromomethane	9.712	93	55986	19.299	ug/l	92
47) Bromodichloromethane	9.888	83	108729	19.306	ug/l #	98
48) Methyl methacrylate	9.682	41	77481	18.665	ug/l	88
49) 1,4-Dioxane	9.700	88	34738	379.662	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	537526	98.572	ug/l	96
52) Toluene	10.635	92	190367	19.235	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	113652	18.651	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	122388	18.605	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	76326	19.447	ug/l	91
56) Ethyl methacrylate	10.876	69	110669	19.637	ug/l	92
57) 1,3-Dichloropropane	11.165	76	125161	18.272	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	303728	100.191	ug/l #	90
59) 2-Hexanone	11.200	43	403847	99.063	ug/l	96
60) Dibromochloromethane	11.365	129	78920	19.525	ug/l	99
61) 1,2-Dibromoethane	11.470	107	75123	18.448	ug/l	94
64) Tetrachloroethene	11.106	164	59824	15.106	ug/l	96
65) Chlorobenzene	11.894	112	194957	18.292	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.965	131	72759	18.656	ug/l	99
67) Ethyl Benzene	11.965	91	348264	18.140	ug/l	99
68) m/p-Xylenes	12.070	106	262968	36.395	ug/l	98
69) o-Xylene	12.400	106	128544	18.357	ug/l	93
70) Styrene	12.412	104	206233	18.585	ug/l	97
71) Bromoform	12.582	173	48183	17.795	ug/l #	95
73) Isopropylbenzene	12.700	105	330665	18.299	ug/l	96
74) N-amyl acetate	12.494	43	148426	19.576	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	110735	19.857	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	100543m	19.022	ug/l	
77) Bromobenzene	12.982	156	74353	17.354	ug/l	84
78) n-propylbenzene	13.041	91	397257	18.587	ug/l	96
79) 2-Chlorotoluene	13.129	91	241454	18.482	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	283758	18.996	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	33839	17.867	ug/l #	84
82) 4-Chlorotoluene	13.223	91	237329	18.392	ug/l	98
83) tert-Butylbenzene	13.441	119	237837	18.572	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	287030	18.966	ug/l	99
85) sec-Butylbenzene	13.617	105	342738	18.500	ug/l	96
86) p-Isopropyltoluene	13.735	119	272278	18.326	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	139138	17.199	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	143335	17.726	ug/l	97
89) n-Butylbenzene	14.059	91	239032	17.544	ug/l	97
90) Hexachloroethane	14.335	117	48755	18.743	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	140963	18.161	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23725	19.881	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	71057	17.127	ug/l	98
94) Hexachlorobutadiene	15.505	225	27934	16.294	ug/l	96
95) Naphthalene	15.641	128	263606	17.856	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	75193	17.871	ug/l	99

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

