

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082482.D
 Acq On : 07 Jun 2024 10:48
 Operator : JC\MD
 Sample : VN0607WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0607WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2024
 Supervised By : Mahesh Dadoda 06/10/2024

Quant Time: Jun 08 00:53:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.223	168	165429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	286702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	264075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	135570	51.899	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.800%			
35) Dibromofluoromethane	8.165	113	97067	55.037	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.080%			
50) Toluene-d8	10.570	98	335462	49.612	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.220%			
62) 4-Bromofluorobenzene	12.853	95	121204	50.221	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 100.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	50565	21.201	ug/l	99
3) Chloromethane	2.359	50	56575	20.930	ug/l	98
4) Vinyl Chloride	2.512	62	53373	21.004	ug/l	97
5) Bromomethane	2.959	94	31950	21.874	ug/l	97
6) Chloroethane	3.124	64	35534	21.416	ug/l	97
7) Trichlorofluoromethane	3.500	101	70150	21.082	ug/l	98
8) Diethyl Ether	3.965	74	23448	19.781	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.377	101	40558	20.865	ug/l #	73
10) Methyl Iodide	4.588	142	37847	19.368	ug/l	90
11) Tert butyl alcohol	5.524	59	43261	103.172	ug/l	97
12) 1,1-Dichloroethene	4.341	96	36512	20.209	ug/l #	71
13) Acrolein	4.183	56	35310	113.638	ug/l	98
14) Allyl chloride	5.024	41	80225	20.740	ug/l #	86
15) Acrylonitrile	5.724	53	116029	106.844	ug/l	98
16) Acetone	4.430	43	112713	105.186	ug/l	93
17) Carbon Disulfide	4.712	76	114834	19.679	ug/l	96
18) Methyl Acetate	5.024	43	58398	21.884	ug/l #	86
19) Methyl tert-butyl Ether	5.788	73	134887	20.426	ug/l	100
20) Methylene Chloride	5.277	84	45980	21.267	ug/l #	73
21) trans-1,2-Dichloroethene	5.782	96	40705	20.675	ug/l #	83
22) Diisopropyl ether	6.671	45	166621	20.629	ug/l #	91
23) Vinyl Acetate	6.606	43	649336	101.965	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	87050	20.909	ug/l	96
25) 2-Butanone	7.488	43	172573	106.222	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	73919	21.198	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	47859	20.598	ug/l	81
28) Bromochloromethane	7.812	49	36464	19.546	ug/l #	77
29) Tetrahydrofuran	7.841	42	113631	108.934	ug/l #	81
30) Chloroform	7.971	83	84562	21.270	ug/l	99
31) Cyclohexane	8.259	56	79210	18.986	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	75982	21.543	ug/l #	92
36) 1,1-Dichloropropene	8.371	75	58294	19.708	ug/l	96
37) Ethyl Acetate	7.565	43	71540	21.611	ug/l #	93
38) Carbon Tetrachloride	8.359	117	65176	21.736	ug/l	97
39) Methylcyclohexane	9.600	83	61324	18.914	ug/l #	85
40) Benzene	8.606	78	184133	20.875	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.776	41	38085	19.563	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	71911	21.198	ug/l	95
43) Isopropyl Acetate	8.688	43	128858	21.968	ug/l #	87
44) Trichloroethene	9.353	130	41178	20.552	ug/l	90
45) 1,2-Dichloropropane	9.617	63	47507	20.875	ug/l	95
46) Dibromomethane	9.706	93	31521	21.096	ug/l	99
47) Bromodichloromethane	9.888	83	68652	21.765	ug/l	98
48) Methyl methacrylate	9.682	41	57273	20.492	ug/l #	83
49) 1,4-Dioxane	9.694	88	17633	450.222	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	361612	108.506	ug/l	90
52) Toluene	10.635	92	111881	21.136	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	69181	21.207	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	74358	21.534	ug/l #	82
55) 1,1,2-Trichloroethane	11.017	97	41857	21.760	ug/l	99
56) Ethyl methacrylate	10.876	69	65442	20.038	ug/l #	69
57) 1,3-Dichloropropane	11.164	76	75219	20.914	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	156566	92.942	ug/l	89
59) 2-Hexanone	11.200	43	268255	109.932	ug/l	89
60) Dibromochloromethane	11.359	129	48256	22.732	ug/l	95
61) 1,2-Dibromoethane	11.470	107	42193	21.355	ug/l	100
64) Tetrachloroethene	11.106	164	41365	21.134	ug/l	97
65) Chlorobenzene	11.894	112	119274	20.445	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.964	131	42994	22.374	ug/l	96
67) Ethyl Benzene	11.964	91	202014	19.358	ug/l	96
68) m/p-Xylenes	12.070	106	152293	39.817	ug/l	92
69) o-Xylene	12.400	106	73572	19.858	ug/l	94
70) Styrene	12.411	104	122864	19.965	ug/l	97
71) Bromoform	12.582	173	31830	21.235	ug/l #	98
73) Isopropylbenzene	12.694	105	185270	19.058	ug/l	97
74) N-amyl acetate	12.494	43	96961	18.132	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	58390	20.836	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	56134m	21.795	ug/l	
77) Bromobenzene	12.982	156	46095	19.896	ug/l	89
78) n-propylbenzene	13.035	91	221290	19.223	ug/l	97
79) 2-Chlorotoluene	13.129	91	134468	18.602	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	154620	19.670	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	22370	20.315	ug/l #	74
82) 4-Chlorotoluene	13.223	91	136769	19.351	ug/l	95
83) tert-Butylbenzene	13.441	119	128354	18.664	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	155431	19.327	ug/l	99
85) sec-Butylbenzene	13.617	105	180876	18.976	ug/l	97
86) p-Isopropyltoluene	13.729	119	147464	19.036	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	81921	19.518	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	83586	19.512	ug/l	98
89) n-Butylbenzene	14.058	91	128568	18.465	ug/l	97
90) Hexachloroethane	14.335	117	29302	20.416	ug/l	90
91) 1,2-Dichlorobenzene	14.105	146	79322	19.965	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12573	21.837	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	40825	18.332	ug/l	98
94) Hexachlorobutadiene	15.499	225	18183	18.607	ug/l	95
95) Naphthalene	15.641	128	128433	18.403	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	41649	18.682	ug/l	97

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

