

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080540.D
 Acq On : 20 Dec 2023 12:18
 Operator : JC\MD
 Sample : VN1220WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2023
 Supervised By : Mahesh Dadoda 12/21/2023

Quant Time: Dec 21 02:39:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	283842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	452687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	378365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	180137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	211733	58.404	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.800%			
35) Dibromofluoromethane	8.165	113	167576	58.385	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.760%			
50) Toluene-d8	10.565	98	604911	56.510	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.020%#			
62) 4-Bromofluorobenzene	12.847	95	214660	52.810	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	64354	17.742	ug/l	98
3) Chloromethane	2.359	50	58285	15.074	ug/l	98
4) Vinyl Chloride	2.512	62	47836	15.442	ug/l	91
5) Bromomethane	2.953	94	25184	18.032	ug/l	99
6) Chloroethane	3.118	64	31697	15.924	ug/l	92
7) Trichlorofluoromethane	3.495	101	109778	17.472	ug/l	97
8) Diethyl Ether	3.959	74	35058	17.715	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.365	101	54674	18.359	ug/l	95
10) Methyl Iodide	4.589	142	39104	14.929	ug/l	94
11) Tert butyl alcohol	5.500	59	40643	95.191	ug/l	99
12) 1,1-Dichloroethene	4.336	96	52099	17.074	ug/l	88
13) Acrolein	4.177	56	51086	109.256	ug/l	97
14) Allyl chloride	5.018	41	62553	16.569	ug/l	96
15) Acrylonitrile	5.712	53	114744	95.112	ug/l	99
16) Acetone	4.418	43	100502	156.348	ug/l	92
17) Carbon Disulfide	4.706	76	134353	15.536	ug/l	98
18) Methyl Acetate	5.018	43	85343	20.634	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	180975	17.777	ug/l	100
20) Methylene Chloride	5.271	84	60269	17.520	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	54920	16.599	ug/l #	81
22) Diisopropyl ether	6.665	45	150774	18.504	ug/l	95
23) Vinyl Acetate	6.600	43	398400	85.132	ug/l	96
24) 1,1-Dichloroethane	6.565	63	101970	17.937	ug/l	98
25) 2-Butanone	7.477	43	137380	110.941	ug/l	96
26) 2,2-Dichloropropane	7.488	77	101967	17.541	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	69194	18.476	ug/l	92
28) Bromochloromethane	7.812	49	45440	20.818	ug/l	94
29) Tetrahydrofuran	7.841	42	84908	95.753	ug/l	93
30) Chloroform	7.965	83	118505	18.779	ug/l	99
31) Cyclohexane	8.259	56	84368	17.113	ug/l	89
32) 1,1,1-Trichloroethane	8.165	97	113895	18.434	ug/l	95
36) 1,1-Dichloropropene	8.371	75	81228	17.308	ug/l	95
37) Ethyl Acetate	7.559	43	55059	18.735	ug/l	96
38) Carbon Tetrachloride	8.359	117	96495	17.208	ug/l	100
39) Methylcyclohexane	9.600	83	75012	15.386	ug/l #	89
40) Benzene	8.606	78	239014	17.637	ug/l	99

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41) Methacrylonitrile	7.777	41	31880	18.817	ug/l	93
42) 1,2-Dichloroethane	8.671	62	93702	18.672	ug/l	98
43) Isopropyl Acetate	8.682	43	94328	17.852	ug/l	97
44) Trichloroethene	9.353	130	63327	17.334	ug/l	100
45) 1,2-Dichloropropane	9.618	63	56375	17.712	ug/l	93
46) Dibromomethane	9.706	93	42001	18.375	ug/l	93
47) Bromodichloromethane	9.888	83	88599	18.086	ug/l	96
48) Methyl methacrylate	9.677	41	53966	17.114	ug/l	93
49) 1,4-Dioxane	9.688	88	17045	356.630	ug/l #	85
51) 4-Methyl-2-Pentanone	10.441	43	283152	97.300	ug/l	100
52) Toluene	10.629	92	154319	18.026	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	93649	17.669	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	102633	18.116	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	58473	18.982	ug/l	91
56) Ethyl methacrylate	10.876	69	61127	17.923	ug/l #	91
57) 1,3-Dichloropropane	11.165	76	95215	17.632	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	192681	89.492	ug/l	97
59) 2-Hexanone	11.194	43	195393	90.949	ug/l	100
60) Dibromochloromethane	11.359	129	66057	18.097	ug/l	99
61) 1,2-Dibromoethane	11.471	107	56182	17.622	ug/l	96
64) Tetrachloroethene	11.106	164	50574	17.312	ug/l	97
65) Chlorobenzene	11.894	112	152657	18.137	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	62742	18.998	ug/l	95
67) Ethyl Benzene	11.965	91	275393	17.794	ug/l	96
68) m/p-Xylenes	12.070	106	212247	37.113	ug/l	92
69) o-Xylene	12.400	106	102495	18.323	ug/l	91
70) Styrene	12.412	104	152729	18.955	ug/l	95
71) Bromoform	12.576	173	45074	18.715	ug/l #	99
73) Isopropylbenzene	12.694	105	265597	18.354	ug/l	98
74) N-amyl acetate	12.494	43	75265	17.811	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	75960	19.589	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	70519m	19.623	ug/l	
77) Bromobenzene	12.976	156	64332	18.072	ug/l	99
78) n-propylbenzene	13.035	91	302163	18.938	ug/l	97
79) 2-Chlorotoluene	13.123	91	195472	18.766	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	226448	18.170	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	24745	18.079	ug/l	88
82) 4-Chlorotoluene	13.223	91	192975	18.024	ug/l	98
83) tert-Butylbenzene	13.441	119	187619	18.382	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	231709	18.688	ug/l	99
85) sec-Butylbenzene	13.617	105	238216	18.245	ug/l	99
86) p-Isopropyltoluene	13.729	119	213225	18.087	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	114725	18.292	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	113175	17.876	ug/l	96
89) n-Butylbenzene	14.059	91	171882	17.459	ug/l	99
90) Hexachloroethane	14.335	117	34124	18.226	ug/l	72
91) 1,2-Dichlorobenzene	14.106	146	109770	18.431	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15733	19.289	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	58303	17.632	ug/l	95
94) Hexachlorobutadiene	15.500	225	30183	16.033	ug/l	96
95) Naphthalene	15.641	128	177968	17.724	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	57782	18.108	ug/l	99

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

