

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080809.D
 Acq On : 30 Jan 2024 12:50
 Operator : JC\MD
 Sample : VN0130WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2024
 Supervised By : Semsettin Yesilyurt 01/31/2024

Quant Time: Jan 31 02:08:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	110927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	230361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	196926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	74333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97078	50.588	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	101.180%		
35) Dibromofluoromethane	8.165	113	68252	48.428	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.860%		
50) Toluene-d8	10.565	98	271690	49.254	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.500%		
62) 4-Bromofluorobenzene	12.847	95	91340	47.518	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	32656	19.820	ug/l	87
3) Chloromethane	2.359	50	47659	19.243	ug/l	97
4) Vinyl Chloride	2.512	62	38628	20.515	ug/l	100
5) Bromomethane	2.953	94	16531	21.950	ug/l	98
6) Chloroethane	3.118	64	22418	22.332	ug/l	100
7) Trichlorofluoromethane	3.495	101	47273	19.399	ug/l	99
8) Diethyl Ether	3.953	74	23449	20.859	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	29289	20.611	ug/l #	76
10) Methyl Iodide	4.589	142	22426	18.695	ug/l	98
11) Tert butyl alcohol	5.512	59	31016	99.150	ug/l	97
12) 1,1-Dichloroethene	4.342	96	28857	18.533	ug/l	93
13) Acrolein	4.177	56	37714	95.604	ug/l	100
14) Allyl chloride	5.030	41	63433	20.611	ug/l	99
15) Acrylonitrile	5.718	53	96171	102.222	ug/l	98
16) Acetone	4.424	43	68434	98.329	ug/l	96
17) Carbon Disulfide	4.712	76	90123	18.592	ug/l #	90
18) Methyl Acetate	5.024	43	52310	21.566	ug/l	94
19) Methyl tert-butyl Ether	5.789	73	110932	20.220	ug/l	99
20) Methylene Chloride	5.271	84	36193	19.811	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	32363	19.132	ug/l #	89
22) Diisopropyl ether	6.665	45	142693	21.013	ug/l	97
23) Vinyl Acetate	6.606	43	542636	110.441	ug/l	99
24) 1,1-Dichloroethane	6.565	63	71071	20.637	ug/l	98
25) 2-Butanone	7.477	43	132441	100.187	ug/l	92
26) 2,2-Dichloropropane	7.488	77	54272	19.498	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	38954	19.893	ug/l	99
28) Bromochloromethane	7.812	49	36996	20.290	ug/l	97
29) Tetrahydrofuran	7.835	42	89815	100.408	ug/l	99
30) Chloroform	7.965	83	66055	20.646	ug/l	94
31) Cyclohexane	8.259	56	62699	19.054	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	54350	20.948	ug/l	92
36) 1,1-Dichloropropene	8.371	75	49593	18.932	ug/l	98
37) Ethyl Acetate	7.553	43	48052	17.819	ug/l	98
38) Carbon Tetrachloride	8.359	117	42003	19.901	ug/l	91
39) Methylcyclohexane	9.606	83	48453	18.609	ug/l	99
40) Benzene	8.606	78	155652	20.217	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	31456	19.792	ug/l	93
42) 1,2-Dichloroethane	8.665	62	53307	21.253	ug/l	99
43) Isopropyl Acetate	8.688	43	95928	19.539	ug/l	98
44) Trichloroethene	9.353	130	30325	17.883	ug/l	82
45) 1,2-Dichloropropane	9.624	63	41922	20.121	ug/l	97
46) Dibromomethane	9.706	93	23461	18.995	ug/l	96
47) Bromodichloromethane	9.888	83	50443	20.116	ug/l #	100
48) Methyl methacrylate	9.682	41	43911	18.449	ug/l	98
49) 1,4-Dioxane	9.694	88	11002	383.746	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	278825	101.592	ug/l	98
52) Toluene	10.629	92	88023	19.940	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	56107	19.206	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	63569	20.011	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	34014	20.050	ug/l	93
56) Ethyl methacrylate	10.876	69	57990	22.236	ug/l	99
57) 1,3-Dichloropropane	11.165	76	64732	20.274	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	158516	104.264	ug/l	99
59) 2-Hexanone	11.194	43	204180	95.774	ug/l	98
60) Dibromochloromethane	11.359	129	31900	20.216	ug/l	94
61) 1,2-Dibromoethane	11.471	107	32131	20.209	ug/l	95
64) Tetrachloroethene	11.106	164	24190	18.689	ug/l	84
65) Chlorobenzene	11.894	112	87164	20.281	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.965	131	29301	20.965	ug/l	96
67) Ethyl Benzene	11.965	91	156995	19.653	ug/l	96
68) m/p-Xylenes	12.070	106	118555	41.791	ug/l	95
69) o-Xylene	12.400	106	54933	19.488	ug/l	98
70) Styrene	12.412	104	92151	20.355	ug/l	99
71) Bromoform	12.576	173	18314	19.380	ug/l #	98
73) Isopropylbenzene	12.700	105	134286	19.727	ug/l	98
74) N-amyl acetate	12.494	43	82561	19.535	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	45439	18.977	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	43351m	19.337	ug/l	
77) Bromobenzene	12.982	156	29100	19.998	ug/l	98
78) n-propylbenzene	13.035	91	166970	20.532	ug/l	99
79) 2-Chlorotoluene	13.129	91	97553	18.874	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	109280	20.158	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17379	19.970	ug/l	95
82) 4-Chlorotoluene	13.223	91	101999	19.930	ug/l	97
83) tert-Butylbenzene	13.441	119	92432	21.351	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	110049	20.036	ug/l	98
85) sec-Butylbenzene	13.617	105	128150	20.078	ug/l	96
86) p-Isopropyltoluene	13.729	119	98582	19.876	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	50012	19.215	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	52593	20.155	ug/l	96
89) n-Butylbenzene	14.059	91	98041	20.199	ug/l	100
90) Hexachloroethane	14.341	117	16965	19.548	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	47684	20.017	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8817	19.700	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	25502	20.800	ug/l	95
94) Hexachlorobutadiene	15.500	225	9890	18.464	ug/l	94
95) Naphthalene	15.641	128	90697	19.332	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	23068	19.141	ug/l	97

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

