

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081987.D
 Acq On : 03 May 2024 13:12
 Operator : JC\MD
 Sample : VN0503WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2024
 Supervised By : Semsettin Yesilyurt 05/06/2024

Quant Time: May 06 01:53:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	174278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	351710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	302948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124035	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.582	65	149896	50.962	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.920%
35) Dibromofluoromethane	8.171	113	107339	50.689	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.380%
50) Toluene-d8	10.565	98	428939	51.576	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.160%
62) 4-Bromofluorobenzene	12.847	95	151698	46.142	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.280%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	45110	18.439	ug/l	93
3) Chloromethane	2.359	50	51779	20.288	ug/l	97
4) Vinyl Chloride	2.518	62	46745	20.234	ug/l	97
5) Bromomethane	2.959	94	23412	20.830	ug/l	98
6) Chloroethane	3.118	64	28455	24.369	ug/l	97
7) Trichlorofluoromethane	3.494	101	65542	18.340	ug/l	94
8) Diethyl Ether	3.959	74	33949	22.363	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.365	101	43730	21.076	ug/l	92
10) Methyl Iodide	4.589	142	40479	22.274	ug/l	98
11) Tert butyl alcohol	5.512	59	60499	113.143	ug/l	100
12) 1,1-Dichloroethene	4.336	96	43513	20.614	ug/l	89
13) Acrolein	4.177	56	32608	72.990	ug/l	97
14) Allyl chloride	5.030	41	82486	18.474	ug/l	87
15) Acrylonitrile	5.718	53	151505	117.997	ug/l	97
16) Acetone	4.430	43	103007	115.486	ug/l	99
17) Carbon Disulfide	4.712	76	111545	17.582	ug/l	98
18) Methyl Acetate	5.024	43	70951	23.815	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	174572	21.917	ug/l	92
20) Methylene Chloride	5.271	84	54415	21.587	ug/l #	86
21) trans-1,2-Dichloroethene	5.788	96	44649	19.400	ug/l	87
22) Diisopropyl ether	6.671	45	184737	21.382	ug/l #	93
23) Vinyl Acetate	6.606	43	748518m	106.626	ug/l	
24) 1,1-Dichloroethane	6.571	63	98926	21.998	ug/l	94
25) 2-Butanone	7.482	43	191750	114.859	ug/l #	88
26) 2,2-Dichloropropane	7.494	77	80014	19.342	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	60194	22.382	ug/l	91
28) Bromochloromethane	7.818	49	46142	21.589	ug/l #	75
29) Tetrahydrofuran	7.835	42	135063	112.818	ug/l	89
30) Chloroform	7.965	83	89891	20.166	ug/l	98
31) Cyclohexane	8.253	56	88124	19.888	ug/l #	82
32) 1,1,1-Trichloroethane	8.165	97	74464	18.733	ug/l #	89
36) 1,1-Dichloropropene	8.377	75	63253	18.360	ug/l	98
37) Ethyl Acetate	7.559	43	80710	21.668	ug/l	98
38) Carbon Tetrachloride	8.365	117	59976	17.813	ug/l	97
39) Methylcyclohexane	9.606	83	78339	18.724	ug/l #	88
40) Benzene	8.606	78	211793	20.479	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	47074	19.806	ug/l	87
42) 1,2-Dichloroethane	8.671	62	70895	18.461	ug/l	99
43) Isopropyl Acetate	8.688	43	142535	20.351	ug/l	95
44) Trichloroethene	9.359	130	46576	19.534	ug/l	91
45) 1,2-Dichloropropane	9.624	63	57738	21.333	ug/l	100
46) Dibromomethane	9.712	93	36525	19.525	ug/l #	88
47) Bromodichloromethane	9.888	83	74064	18.773	ug/l #	99
48) Methyl methacrylate	9.682	41	65617	19.625	ug/l	88
49) 1,4-Dioxane	9.694	88	22789	448.443	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	423282	107.358	ug/l	95
52) Toluene	10.629	92	130146	21.014	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	82740	19.274	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	88123	19.918	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	51604	21.186	ug/l	96
56) Ethyl methacrylate	10.876	69	92884	20.027	ug/l	89
57) 1,3-Dichloropropane	11.165	76	92159	21.282	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	227055	107.462	ug/l	91
59) 2-Hexanone	11.194	43	316254	107.782	ug/l	98
60) Dibromochloromethane	11.359	129	51057	19.791	ug/l	100
61) 1,2-Dibromoethane	11.470	107	49590	21.290	ug/l	95
64) Tetrachloroethene	11.106	164	36567	16.619	ug/l	91
65) Chlorobenzene	11.894	112	133755	20.218	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	44221	20.567	ug/l	96
67) Ethyl Benzene	11.965	91	244095	19.839	ug/l	96
68) m/p-Xylenes	12.070	106	178337	40.636	ug/l	94
69) o-Xylene	12.400	106	83992	19.603	ug/l	85
70) Styrene	12.412	104	146119	19.714	ug/l	97
71) Bromoform	12.582	173	30494	18.040	ug/l #	95
73) Isopropylbenzene	12.694	105	221189	20.057	ug/l	97
74) N-amyl acetate	12.494	43	119566	19.474	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	71439	21.572	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	64807m	20.152	ug/l	
77) Bromobenzene	12.982	156	45751	19.825	ug/l	68
78) n-propylbenzene	13.035	91	268885	20.073	ug/l	96
79) 2-Chlorotoluene	13.123	91	159866	18.758	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	175069	18.760	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	29194m	18.602	ug/l	
82) 4-Chlorotoluene	13.223	91	157522	19.038	ug/l	97
83) tert-Butylbenzene	13.441	119	154760	19.914	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	179202	19.229	ug/l	99
85) sec-Butylbenzene	13.617	105	225270	20.579	ug/l	96
86) p-Isopropyltoluene	13.729	119	170788	19.431	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	85904	19.950	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	86933	20.502	ug/l	96
89) n-Butylbenzene	14.059	91	158616	19.388	ug/l	97
90) Hexachloroethane	14.335	117	32489	18.790	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	83656	20.266	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14935	18.524	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	43546	18.857	ug/l	100
94) Hexachlorobutadiene	15.505	225	15100	17.740	ug/l	92
95) Naphthalene	15.641	128	179898	20.616	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	43012	19.399	ug/l	96

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

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