

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
 Data File : VN085158.D
 Acq On : 10 Dec 2024 11:42
 Operator : JC\MD
 Sample : VN1210WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/11/2024
 Supervised By : Mahesh Dadoda 12/11/2024

Quant Time: Dec 11 04:11:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	148284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	241760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107293	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	104508	49.478	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.960%
35) Dibromofluoromethane	8.165	113	84366	51.747	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.500%
50) Toluene-d8	10.565	98	294788	50.453	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.900%
62) 4-Bromofluorobenzene	12.847	95	109806	50.254	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	23384	13.946	ug/l	97
3) Chloromethane	2.359	50	24363	12.528	ug/l	99
4) Vinyl Chloride	2.506	62	26353	15.079	ug/l	92
5) Bromomethane	2.948	94	19345	19.749	ug/l	90
6) Chloroethane	3.112	64	18919	16.061	ug/l	93
7) Trichlorofluoromethane	3.495	101	50483	16.981	ug/l	94
8) Diethyl Ether	3.965	74	16802	16.605	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	29749	17.643	ug/l	96
10) Methyl Iodide	4.583	142	34398	15.412	ug/l	99
11) Tert butyl alcohol	5.530	59	30867	109.358	ug/l	96
12) 1,1-Dichloroethene	4.336	96	26118	16.595	ug/l	83
13) Acrolein	4.177	56	16584	88.053	ug/l	96
14) Allyl chloride	5.024	41	40528m	15.275	ug/l	
15) Acrylonitrile	5.724	53	79261	99.186	ug/l	99
16) Acetone	4.424	43	67011	108.934	ug/l	99
17) Carbon Disulfide	4.712	76	68770	14.804	ug/l #	91
18) Methyl Acetate	5.024	43	39487	19.381	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	89389	17.383	ug/l	94
20) Methylene Chloride	5.271	84	31388	16.721	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	27773	16.769	ug/l #	91
22) Diisopropyl ether	6.671	45	91951	17.219	ug/l	96
23) Vinyl Acetate	6.606	43	324024	87.955	ug/l	99
24) 1,1-Dichloroethane	6.571	63	55759	17.449	ug/l	97
25) 2-Butanone	7.483	43	104026	103.434	ug/l	97
26) 2,2-Dichloropropane	7.488	77	51343	17.206	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	33886	16.971	ug/l	100
28) Bromochloromethane	7.812	49	22267	18.459	ug/l	95
29) Tetrahydrofuran	7.841	42	66949	107.045	ug/l	99
30) Chloroform	7.965	83	60138	17.691	ug/l	92
31) Cyclohexane	8.253	56	44762	15.909	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	54062	17.600	ug/l	97
36) 1,1-Dichloropropene	8.371	75	37946	17.183	ug/l	98
37) Ethyl Acetate	7.565	43	41991	20.916	ug/l	99
38) Carbon Tetrachloride	8.359	117	49083	19.256	ug/l	98
39) Methylcyclohexane	9.606	83	37468	16.328	ug/l	95
40) Benzene	8.606	78	125598	17.983	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	23051	20.738	ug/l	99
42) 1,2-Dichloroethane	8.671	62	43502	18.206	ug/l	99
43) Isopropyl Acetate	8.688	43	71566	17.162	ug/l	100
44) Trichloroethene	9.353	130	30107	18.549	ug/l	94
45) 1,2-Dichloropropane	9.618	63	30201	17.556	ug/l	99
46) Dibromomethane	9.706	93	22668	18.963	ug/l	96
47) Bromodichloromethane	9.888	83	48463	19.129	ug/l	97
48) Methyl methacrylate	9.677	41	30191	19.456	ug/l	98
49) 1,4-Dioxane	9.694	88	13884	515.929	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	215132	112.948	ug/l	100
52) Toluene	10.629	92	77423	18.725	ug/l	94
53) t-1,3-Dichloropropene	10.835	75	46029	18.122	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	49448	18.351	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	30862	20.039	ug/l	98
56) Ethyl methacrylate	10.871	69	45377	20.163	ug/l	98
57) 1,3-Dichloropropane	11.165	76	50898	18.778	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	105895	95.926	ug/l	98
59) 2-Hexanone	11.194	43	163787	114.976	ug/l	99
60) Dibromochloromethane	11.359	129	38498	20.453	ug/l	94
61) 1,2-Dibromoethane	11.471	107	31268	19.617	ug/l	96
64) Tetrachloroethene	11.100	164	28096	19.743	ug/l	94
65) Chlorobenzene	11.894	112	85088	17.765	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	31880	18.904	ug/l	99
67) Ethyl Benzene	11.965	91	143235	18.433	ug/l	98
68) m/p-Xylenes	12.070	106	111818	37.796	ug/l	99
69) o-Xylene	12.400	106	54040	19.203	ug/l	95
70) Styrene	12.412	104	90794	19.401	ug/l	99
71) Bromoform	12.576	173	25552	20.413	ug/l #	96
73) Isopropylbenzene	12.694	105	133262	17.606	ug/l	99
74) N-amyl acetate	12.494	43	58631	18.798	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	45804	17.721	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	44087m	22.590	ug/l	
77) Bromobenzene	12.982	156	35688	17.521	ug/l	99
78) n-propylbenzene	13.035	91	161451	18.493	ug/l	99
79) 2-Chlorotoluene	13.123	91	102538	17.594	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	117167	18.447	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	16517m	18.684	ug/l	
82) 4-Chlorotoluene	13.223	91	103817	17.112	ug/l	98
83) tert-Butylbenzene	13.441	119	96322	17.626	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	116884	17.878	ug/l	98
85) sec-Butylbenzene	13.617	105	133063	18.025	ug/l	99
86) p-Isopropyltoluene	13.729	119	112404	18.445	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	65453	16.291	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	65541	15.986	ug/l	98
89) n-Butylbenzene	14.053	91	90224	15.920	ug/l	99
90) Hexachloroethane	14.329	117	23588	17.757	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	62951	16.351	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9361	18.729	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	28345	13.552	ug/l	95
94) Hexachlorobutadiene	15.500	225	15161	15.706	ug/l	98
95) Naphthalene	15.641	128	88876	14.920	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	29846	14.955	ug/l	97

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

