

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
 Data File : VN084361.D
 Acq On : 09 Oct 2024 12:45
 Operator : JC\MD
 Sample : VN1009WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Oct 10 01:18:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	152471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	263710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	239848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123081	54.445	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.880%			
35) Dibromofluoromethane	8.165	113	94026	54.083	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.160%			
50) Toluene-d8	10.565	98	353920	55.332	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.660%			
62) 4-Bromofluorobenzene	12.847	95	126878	54.449	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	32213	17.861	ug/l	92
3) Chloromethane	2.365	50	36339	17.647	ug/l	97
4) Vinyl Chloride	2.518	62	35705	17.900	ug/l	92
5) Bromomethane	2.959	94	23295	17.705	ug/l	96
6) Chloroethane	3.124	64	22963	16.074	ug/l #	88
7) Trichlorofluoromethane	3.500	101	58149	18.721	ug/l	97
8) Diethyl Ether	3.965	74	20936	18.173	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	35058	19.698	ug/l	98
10) Methyl Iodide	4.594	142	38027	16.591	ug/l	92
11) Tert butyl alcohol	5.524	59	30827	82.698	ug/l	98
12) 1,1-Dichloroethene	4.342	96	31167	18.155	ug/l	93
13) Acrolein	4.183	56	38492	89.947	ug/l	96
14) Allyl chloride	5.030	41	50015	16.775	ug/l	99
15) Acrylonitrile	5.724	53	91043	96.717	ug/l	99
16) Acetone	4.430	43	87639	90.244	ug/l	96
17) Carbon Disulfide	4.712	76	87359	16.073	ug/l	99
18) Methyl Acetate	5.030	43	45275	21.390	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	111821	19.299	ug/l	97
20) Methylene Chloride	5.277	84	39145	19.829	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	33906	18.852	ug/l	97
22) Diisopropyl ether	6.671	45	119390	19.359	ug/l	99
23) Vinyl Acetate	6.606	43	426948	93.341	ug/l	98
24) 1,1-Dichloroethane	6.565	63	67493	19.570	ug/l	99
25) 2-Butanone	7.483	43	121988	92.226	ug/l	98
26) 2,2-Dichloropropane	7.488	77	56256	18.091	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	40796	18.771	ug/l	100
28) Bromochloromethane	7.812	49	33193	21.571	ug/l	97
29) Tetrahydrofuran	7.841	42	75663	92.695	ug/l	98
30) Chloroform	7.965	83	70521	19.686	ug/l	97
31) Cyclohexane	8.259	56	56157	16.771	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	62011	19.274	ug/l	97
36) 1,1-Dichloropropene	8.371	75	47306	18.733	ug/l	99
37) Ethyl Acetate	7.559	43	49634	19.158	ug/l	99
38) Carbon Tetrachloride	8.359	117	53098	19.168	ug/l	95
39) Methylcyclohexane	9.600	83	48027	17.088	ug/l	98
40) Benzene	8.606	78	150577	19.138	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	27350	19.446	ug/l	96
42) 1,2-Dichloroethane	8.671	62	52902	19.833	ug/l	100
43) Isopropyl Acetate	8.688	43	82687	16.295	ug/l	99
44) Trichloroethene	9.347	130	34662	18.862	ug/l	99
45) 1,2-Dichloropropane	9.618	63	38285	20.569	ug/l	98
46) Dibromomethane	9.706	93	27175	21.635	ug/l	99
47) Bromodichloromethane	9.888	83	57013	20.431	ug/l #	98
48) Methyl methacrylate	9.676	41	37464	18.546	ug/l	97
49) 1,4-Dioxane	9.700	88	13225	355.619	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	248328	100.690	ug/l	100
52) Toluene	10.629	92	94656	19.729	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	55435	19.488	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	59199	19.348	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	36424	21.177	ug/l	94
56) Ethyl methacrylate	10.876	69	53655	18.958	ug/l	99
57) 1,3-Dichloropropane	11.165	76	62302	20.271	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	132823	101.168	ug/l	96
59) 2-Hexanone	11.194	43	182615	99.068	ug/l	99
60) Dibromochloromethane	11.359	129	41283	20.314	ug/l	97
61) 1,2-Dibromoethane	11.470	107	36425	20.381	ug/l	98
64) Tetrachloroethene	11.100	164	30342	18.163	ug/l	98
65) Chlorobenzene	11.888	112	100620	18.921	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	34953	19.082	ug/l	98
67) Ethyl Benzene	11.965	91	168790	17.947	ug/l	98
68) m/p-Xylenes	12.070	106	131276	37.735	ug/l	98
69) o-Xylene	12.400	106	60665	18.431	ug/l	99
70) Styrene	12.412	104	106425	19.089	ug/l	99
71) Bromoform	12.576	173	27221	20.185	ug/l #	98
73) Isopropylbenzene	12.694	105	153152	17.780	ug/l	100
74) N-amyl acetate	12.494	43	70003	17.947	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	50700	19.575	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	43435m	18.848	ug/l	
77) Bromobenzene	12.982	156	40131	19.315	ug/l	94
78) n-propylbenzene	13.035	91	185816	18.619	ug/l	100
79) 2-Chlorotoluene	13.123	91	121117	19.019	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	134831	19.190	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	16429	17.092	ug/l	93
82) 4-Chlorotoluene	13.217	91	120294	18.765	ug/l	100
83) tert-Butylbenzene	13.435	119	111615	17.873	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	134783	19.042	ug/l	99
85) sec-Butylbenzene	13.612	105	156322	18.758	ug/l	99
86) p-Isopropyltoluene	13.729	119	125939	18.276	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	73114	18.758	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	72536	18.428	ug/l	98
89) n-Butylbenzene	14.053	91	107981	17.281	ug/l	99
90) Hexachloroethane	14.329	117	25492	18.225	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	69712	18.240	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9828	18.388	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	32999	17.529	ug/l	97
94) Hexachlorobutadiene	15.500	225	16255	17.315	ug/l	97
95) Naphthalene	15.641	128	100144	16.047	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	32213	17.095	ug/l	99

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

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