

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
 Data File : VN084360.D
 Acq On : 09 Oct 2024 12:11
 Operator : JC\MD
 Sample : VN1009WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 10 01:17:07 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	156582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125918	54.237	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.480%			
35) Dibromofluoromethane	8.165	113	100467	55.915	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.840%			
50) Toluene-d8	10.565	98	365725	55.325	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.640%			
62) 4-Bromofluorobenzene	12.847	95	131453	54.584	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33098	17.870	ug/l	92
3) Chloromethane	2.359	50	38218	18.072	ug/l	97
4) Vinyl Chloride	2.512	62	37029	18.076	ug/l	97
5) Bromomethane	2.953	94	23364	17.291	ug/l	98
6) Chloroethane	3.124	64	24740	16.863	ug/l	96
7) Trichlorofluoromethane	3.495	101	62004	19.438	ug/l	91
8) Diethyl Ether	3.965	74	20482	17.313	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	34972	19.134	ug/l	100
10) Methyl Iodide	4.595	142	38819	16.492	ug/l	95
11) Tert butyl alcohol	5.524	59	32880	85.890	ug/l	98
12) 1,1-Dichloroethene	4.342	96	32763	18.584	ug/l	99
13) Acrolein	4.177	56	38686	88.027	ug/l	95
14) Allyl chloride	5.024	41	51127	16.698	ug/l	99
15) Acrylonitrile	5.718	53	94729	97.990	ug/l	97
16) Acetone	4.430	43	97453	97.715	ug/l	97
17) Carbon Disulfide	4.712	76	90398	16.195	ug/l	100
18) Methyl Acetate	5.024	43	45904	21.118	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	113311	19.042	ug/l	100
20) Methylene Chloride	5.277	84	39925	19.693	ug/l	85
21) trans-1,2-Dichloroethene	5.789	96	35303	19.113	ug/l	96
22) Diisopropyl ether	6.671	45	121823	19.235	ug/l	97
23) Vinyl Acetate	6.606	43	427094	90.922	ug/l	100
24) 1,1-Dichloroethane	6.565	63	69391	19.592	ug/l	98
25) 2-Butanone	7.483	43	132360	97.441	ug/l	99
26) 2,2-Dichloropropane	7.488	77	60891	19.068	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	41986	18.811	ug/l	97
28) Bromochloromethane	7.818	49	33849	21.420	ug/l	100
29) Tetrahydrofuran	7.841	42	80925	96.538	ug/l	98
30) Chloroform	7.965	83	72349	19.666	ug/l	98
31) Cyclohexane	8.259	56	60519	17.599	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	65385	19.789	ug/l	95
36) 1,1-Dichloropropene	8.365	75	48625	18.631	ug/l	97
37) Ethyl Acetate	7.559	43	49799	18.599	ug/l	98
38) Carbon Tetrachloride	8.365	117	56788	19.836	ug/l	91
39) Methylcyclohexane	9.600	83	49817	17.150	ug/l	97
40) Benzene	8.606	78	157223	19.335	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	29046	19.982	ug/l	97
42) 1,2-Dichloroethane	8.671	62	53127	19.272	ug/l	98
43) Isopropyl Acetate	8.688	43	82623	15.754	ug/l	97
44) Trichloroethene	9.353	130	36444	19.189	ug/l	95
45) 1,2-Dichloropropane	9.624	63	39244	20.401	ug/l	99
46) Dibromomethane	9.706	93	27103	20.879	ug/l	98
47) Bromodichloromethane	9.888	83	57047	19.780	ug/l #	94
48) Methyl methacrylate	9.682	41	38957	18.660	ug/l	99
49) 1,4-Dioxane	9.694	88	14945	388.845	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	256097	100.474	ug/l	100
52) Toluene	10.629	92	96284	19.418	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	56506	19.221	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	59825	18.919	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	37218	20.937	ug/l	92
56) Ethyl methacrylate	10.871	69	53921	18.435	ug/l	98
57) 1,3-Dichloropropane	11.165	76	63276	19.921	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	131407	96.845	ug/l	98
59) 2-Hexanone	11.194	43	190186	99.832	ug/l	100
60) Dibromochloromethane	11.359	129	42462	20.217	ug/l	100
61) 1,2-Dibromoethane	11.465	107	36887	19.970	ug/l	100
64) Tetrachloroethene	11.100	164	31145	18.297	ug/l	95
65) Chlorobenzene	11.888	112	102495	18.916	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.959	131	35309	18.919	ug/l	96
67) Ethyl Benzene	11.965	91	174393	18.199	ug/l	99
68) m/p-Xylenes	12.071	106	134842	38.041	ug/l	98
69) o-Xylene	12.400	106	63010	18.788	ug/l	99
70) Styrene	12.412	104	109570	19.289	ug/l	99
71) Bromoform	12.576	173	27509	20.020	ug/l #	96
73) Isopropylbenzene	12.694	105	158864	18.196	ug/l	99
74) N-amyl acetate	12.494	43	71461	18.075	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	52562	20.022	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	43674m	18.698	ug/l	
77) Bromobenzene	12.976	156	39148	18.589	ug/l	99
78) n-propylbenzene	13.035	91	188872	18.672	ug/l	98
79) 2-Chlorotoluene	13.123	91	122523	18.982	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	139277	19.557	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	18228	18.710	ug/l	98
82) 4-Chlorotoluene	13.223	91	125865	19.371	ug/l	99
83) tert-Butylbenzene	13.435	119	115782	18.292	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	139189	19.401	ug/l	98
85) sec-Butylbenzene	13.612	105	158068	18.714	ug/l	99
86) p-Isopropyltoluene	13.729	119	129955	18.606	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	73077	18.497	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	72586	18.193	ug/l	97
89) n-Butylbenzene	14.059	91	107826	17.025	ug/l	100
90) Hexachloroethane	14.329	117	26761	18.876	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	71043	18.339	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10181	18.793	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	33540	17.578	ug/l	99
94) Hexachlorobutadiene	15.500	225	15882	16.691	ug/l	99
95) Naphthalene	15.641	128	100595	15.903	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	33513	17.546	ug/l	96

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

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