

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070824\
 Data File : VN082824.D
 Acq On : 08 Jul 2024 16:10
 Operator : JC\MD
 Sample : VN0708WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/09/2024
 Supervised By : Mahesh Dadoda 07/09/2024

Quant Time: Jul 08 17:43:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	146695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	248734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	221898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	105872	51.485	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.960%			
35) Dibromofluoromethane	8.171	113	81594	51.122	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.240%			
50) Toluene-d8	10.570	98	309523	52.506	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.020%			
62) 4-Bromofluorobenzene	12.853	95	105957	50.038	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 100.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	35670	18.782	ug/l	100
3) Chloromethane	2.359	50	32476	18.031	ug/l	98
4) Vinyl Chloride	2.512	62	34502	18.240	ug/l	95
5) Bromomethane	2.953	94	24112	17.679	ug/l	99
6) Chloroethane	3.118	64	23320	18.015	ug/l	98
7) Trichlorofluoromethane	3.494	101	46663	17.151	ug/l	98
8) Diethyl Ether	3.959	74	16132	17.325	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.371	101	27512	17.867	ug/l	97
10) Methyl Iodide	4.583	142	25158	15.936	ug/l #	95
11) Tert butyl alcohol	5.530	59	31481	91.020	ug/l	100
12) 1,1-Dichloroethene	4.330	96	25346	16.925	ug/l	82
13) Acrolein	4.183	56	14316	57.331	ug/l	98
14) Allyl chloride	5.018	41	44867	19.216	ug/l	91
15) Acrylonitrile	5.724	53	73081	91.942	ug/l	100
16) Acetone	4.430	43	63383	87.546	ug/l #	86
17) Carbon Disulfide	4.712	76	73885	16.511	ug/l	96
18) Methyl Acetate	5.030	43	35004	18.272	ug/l #	90
19) Methyl tert-butyl Ether	5.800	73	89591	17.344	ug/l	98
20) Methylene Chloride	5.277	84	30198	17.271	ug/l #	82
21) trans-1,2-Dichloroethene	5.788	96	27743	17.098	ug/l	85
22) Diisopropyl ether	6.671	45	89117	18.244	ug/l	95
23) Vinyl Acetate	6.606	43	358936	92.527	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	53439	18.035	ug/l	99
25) 2-Butanone	7.488	43	102874	94.104	ug/l #	90
26) 2,2-Dichloropropane	7.494	77	49966	18.137	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	33458	17.613	ug/l	91
28) Bromochloromethane	7.818	49	26807	21.089	ug/l #	80
29) Tetrahydrofuran	7.841	42	65142	94.653	ug/l #	87
30) Chloroform	7.971	83	55888	17.779	ug/l	97
31) Cyclohexane	8.259	56	47482	17.662	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	53238	18.241	ug/l	95
36) 1,1-Dichloropropene	8.377	75	38759	17.613	ug/l	98
37) Ethyl Acetate	7.559	43	40219	17.952	ug/l	96
38) Carbon Tetrachloride	8.365	117	46736	17.639	ug/l	98
39) Methylcyclohexane	9.606	83	41750	17.564	ug/l	92
40) Benzene	8.606	78	119905	17.714	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	22143	18.346	ug/l	93
42) 1,2-Dichloroethane	8.671	62	43788	17.969	ug/l	99
43) Isopropyl Acetate	8.688	43	83522	17.864	ug/l	98
44) Trichloroethene	9.359	130	29232	16.856	ug/l	95
45) 1,2-Dichloropropane	9.623	63	29176	18.462	ug/l	90
46) Dibromomethane	9.712	93	22530	18.300	ug/l	98
47) Bromodichloromethane	9.888	83	45614	17.931	ug/l	99
48) Methyl methacrylate	9.682	41	32889	18.722	ug/l	93
49) 1,4-Dioxane	9.700	88	14609	377.029	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	211662	95.298	ug/l	94
52) Toluene	10.635	92	77266	18.273	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	46347	17.686	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	48166	17.364	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	28713	18.467	ug/l	91
56) Ethyl methacrylate	10.876	69	43842	18.124	ug/l	89
57) 1,3-Dichloropropane	11.165	76	49366	17.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	49859	40.167	ug/l	97
59) 2-Hexanone	11.200	43	162913	98.656	ug/l	95
60) Dibromochloromethane	11.359	129	35135	17.742	ug/l	98
61) 1,2-Dibromoethane	11.470	107	30161	18.266	ug/l	99
64) Tetrachloroethene	11.106	164	29050	17.547	ug/l	97
65) Chlorobenzene	11.894	112	82712	17.395	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	30008	17.742	ug/l	100
67) Ethyl Benzene	11.965	91	140821	17.621	ug/l	97
68) m/p-Xylenes	12.070	106	108043	35.810	ug/l	97
69) o-Xylene	12.400	106	51269	17.734	ug/l	95
70) Styrene	12.412	104	86207	18.047	ug/l	98
71) Bromoform	12.582	173	23685	17.807	ug/l #	98
73) Isopropylbenzene	12.700	105	130889	17.150	ug/l	99
74) N-amyl acetate	12.494	43	57099	18.087	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	39743	17.387	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	33302m	18.391	ug/l	
77) Bromobenzene	12.982	156	33250	16.887	ug/l	96
78) n-propylbenzene	13.035	91	153382	17.479	ug/l	99
79) 2-Chlorotoluene	13.129	91	95114	17.011	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	109025	17.672	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	17349	18.843	ug/l	87
82) 4-Chlorotoluene	13.223	91	94159	17.014	ug/l	96
83) tert-Butylbenzene	13.441	119	91882	16.800	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	109314	17.385	ug/l	99
85) sec-Butylbenzene	13.617	105	127083	17.195	ug/l	100
86) p-Isopropyltoluene	13.729	119	105948	17.182	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	59895	16.839	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	60162	16.355	ug/l	97
89) n-Butylbenzene	14.059	91	88378	16.729	ug/l	99
90) Hexachloroethane	14.335	117	21267	16.299	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	56950	16.491	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8897	16.825	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	29909	16.078	ug/l	97
94) Hexachlorobutadiene	15.505	225	13543	16.423	ug/l	96
95) Naphthalene	15.641	128	102171	16.036	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	31563	16.502	ug/l	97

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

