

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070324\
 Data File : VN082795.D
 Acq On : 03 Jul 2024 11:51
 Operator : JC\MD
 Sample : VN0703WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/05/2024
 Supervised By : Mahesh Dadoda 07/05/2024

Quant Time: Jul 03 23:55:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	148124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	250155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	224542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	101485	44.427	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.860%		
35) Dibromofluoromethane	8.171	113	81593	49.540	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.080%		
50) Toluene-d8	10.570	98	291507	47.327	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.660%		
62) 4-Bromofluorobenzene	12.847	95	104287	49.302	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	98.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	39082	17.284	ug/l	97
3) Chloromethane	2.359	50	34416	14.542	ug/l	100
4) Vinyl Chloride	2.512	62	52891	21.091	ug/l	98
5) Bromomethane	2.953	94	25379	14.225	ug/l	90
6) Chloroethane	3.118	64	25551	14.445	ug/l	95
7) Trichlorofluoromethane	3.494	101	59696	19.204	ug/l	96
8) Diethyl Ether	3.959	74	19486	20.043	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	33959	19.148	ug/l	99
10) Methyl Iodide	4.594	142	32066	19.719	ug/l	99
11) Tert butyl alcohol	5.530	59	34037	93.285	ug/l	99
12) 1,1-Dichloroethene	4.341	96	31352	18.952	ug/l	93
13) Acrolein	4.189	56	21489	96.813	ug/l	97
14) Allyl chloride	5.024	41	45794	18.424	ug/l #	94
15) Acrylonitrile	5.718	53	80988	83.443	ug/l	98
16) Acetone	4.430	43	72629	83.919	ug/l	94
17) Carbon Disulfide	4.712	76	77507	14.305	ug/l	99
18) Methyl Acetate	5.030	43	37973	16.504	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	111071	20.250	ug/l	99
20) Methylene Chloride	5.277	84	35432	16.179	ug/l	84
21) trans-1,2-Dichloroethene	5.788	96	32283	18.084	ug/l	83
22) Diisopropyl ether	6.671	45	107162	18.531	ug/l	97
23) Vinyl Acetate	6.606	43	419607	90.881	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	62283	17.741	ug/l	96
25) 2-Butanone	7.482	43	111064	83.997	ug/l	92
26) 2,2-Dichloropropane	7.488	77	60311	26.776	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	40433	19.250	ug/l	88
28) Bromochloromethane	7.818	49	27771	18.086	ug/l #	77
29) Tetrahydrofuran	7.841	42	71078	83.364	ug/l #	84
30) Chloroform	7.971	83	66511	17.770	ug/l	99
31) Cyclohexane	8.253	56	52414	16.285	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	62600	18.943	ug/l	99
36) 1,1-Dichloropropene	8.371	75	46280	19.550	ug/l	97
37) Ethyl Acetate	7.565	43	46423	18.144	ug/l	98
38) Carbon Tetrachloride	8.365	117	54613	19.725	ug/l	97
39) Methylcyclohexane	9.600	83	48097	19.569	ug/l	92
40) Benzene	8.606	78	141268	18.191	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	23761	18.010	ug/l #	91
42) 1,2-Dichloroethane	8.671	62	51863	18.597	ug/l	97
43) Isopropyl Acetate	8.688	43	82780	18.601	ug/l #	92
44) Trichloroethene	9.353	130	35538	19.710	ug/l	98
45) 1,2-Dichloropropane	9.618	63	34214	18.178	ug/l	98
46) Dibromomethane	9.706	93	26434	19.227	ug/l	98
47) Bromodichloromethane	9.888	83	54793	19.559	ug/l	98
48) Methyl methacrylate	9.682	41	36981	18.781	ug/l #	88
49) 1,4-Dioxane	9.694	88	14497	368.913	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	233931	89.389	ug/l	92
52) Toluene	10.629	92	91168	19.992	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	56506	21.327	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	59060	21.202	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	35225	19.920	ug/l	93
56) Ethyl methacrylate	10.876	69	54040	20.320	ug/l	88
57) 1,3-Dichloropropane	11.165	76	58425	18.798	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	107378	80.142	ug/l	95
59) 2-Hexanone	11.200	43	177203	91.320	ug/l	92
60) Dibromochloromethane	11.359	129	42215	19.685	ug/l	98
61) 1,2-Dibromoethane	11.470	107	35820	19.280	ug/l	100
64) Tetrachloroethene	11.106	164	33908	20.159	ug/l	90
65) Chlorobenzene	11.894	112	99414	19.737	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	36117	20.633	ug/l	99
67) Ethyl Benzene	11.965	91	172525	20.754	ug/l	99
68) m/p-Xylenes	12.070	106	131348	42.466	ug/l	97
69) o-Xylene	12.400	106	63407	21.272	ug/l	97
70) Styrene	12.412	104	107192	21.182	ug/l	99
71) Bromoform	12.576	173	28273	20.653	ug/l #	98
73) Isopropylbenzene	12.694	105	165432	22.132	ug/l	100
74) N-amyl acetate	12.494	43	66912	20.056	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.935	83	47371	18.063	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	43816m	19.599	ug/l	
77) Bromobenzene	12.982	156	39891	21.474	ug/l	95
78) n-propylbenzene	13.035	91	183548	20.796	ug/l	99
79) 2-Chlorotoluene	13.123	91	115318	20.848	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	133818	21.793	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	18543	21.631	ug/l	92
82) 4-Chlorotoluene	13.223	91	112393	20.591	ug/l	96
83) tert-Butylbenzene	13.441	119	112746	21.818	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	135772	22.371	ug/l	98
85) sec-Butylbenzene	13.617	105	158121	21.838	ug/l	99
86) p-Isopropyltoluene	13.729	119	130624	22.517	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	71284	20.040	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	70805	19.125	ug/l	98
89) n-Butylbenzene	14.059	91	107542	20.935	ug/l	99
90) Hexachloroethane	14.335	117	25788	20.020	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	67976	20.122	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10415	21.079	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	36646	22.221	ug/l	98
94) Hexachlorobutadiene	15.500	225	15887	21.297	ug/l	91
95) Naphthalene	15.641	128	128574	23.473	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	37045	21.063	ug/l	99

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

