

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040824\
 Data File : VN081669.D
 Acq On : 08 Apr 2024 11:44
 Operator : JC\MD
 Sample : VN0408WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Apr 09 01:53:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	380310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	647133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	592142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	276481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	239113	49.302	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.600%
35) Dibromofluoromethane	8.165	113	220052	53.881	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.760%
50) Toluene-d8	10.565	98	769027	52.090	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.180%
62) 4-Bromofluorobenzene	12.847	95	281102	54.037	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	108.080%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	106191	20.737	ug/l	100
3) Chloromethane	2.365	50	101186	19.846	ug/l	98
4) Vinyl Chloride	2.518	62	98180	17.158	ug/l	95
5) Bromomethane	2.959	94	78663	19.439	ug/l	91
6) Chloroethane	3.124	64	69248	17.626	ug/l	89
7) Trichlorofluoromethane	3.506	101	178042	20.878	ug/l	88
8) Diethyl Ether	3.953	74	54766	19.405	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.377	101	99891	20.615	ug/l	90
10) Methyl Iodide	4.594	142	98532	20.420	ug/l	95
11) Tert butyl alcohol	5.512	59	73400	86.844	ug/l	100
12) 1,1-Dichloroethene	4.336	96	92741	20.663	ug/l	87
13) Acrolein	4.183	56	47712	62.910	ug/l	98
14) Allyl chloride	5.018	41	106420	18.922	ug/l #	81
15) Acrylonitrile	5.712	53	205904	91.063	ug/l	98
16) Acetone	4.424	43	127917	81.611	ug/l	96
17) Carbon Disulfide	4.712	76	259815	20.172	ug/l	96
18) Methyl Acetate	5.024	43	85757	17.747	ug/l #	89
19) Methyl tert-butyl Ether	5.788	73	286317	20.383	ug/l #	89
20) Methylene Chloride	5.271	84	101834	19.834	ug/l #	81
21) trans-1,2-Dichloroethene	5.788	96	100557	20.094	ug/l #	80
22) Diisopropyl ether	6.671	45	267002	20.432	ug/l #	91
23) Vinyl Acetate	6.600	43	1040313	100.015	ug/l #	85
24) 1,1-Dichloroethane	6.565	63	170271	19.454	ug/l	98
25) 2-Butanone	7.482	43	239817	89.204	ug/l #	89
26) 2,2-Dichloropropane	7.488	77	161083	21.219	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	117278	20.713	ug/l	83
28) Bromochloromethane	7.812	49	68041	19.086	ug/l #	47
29) Tetrahydrofuran	7.841	42	165774	91.533	ug/l #	77
30) Chloroform	7.971	83	190724	20.355	ug/l	98
31) Cyclohexane	8.253	56	147793	18.726	ug/l #	68
32) 1,1,1-Trichloroethane	8.165	97	176896	20.809	ug/l #	86
36) 1,1-Dichloropropene	8.371	75	130162	18.938	ug/l	94
37) Ethyl Acetate	7.559	43	107711	18.302	ug/l	96
38) Carbon Tetrachloride	8.359	117	154174	20.477	ug/l	97
39) Methylcyclohexane	9.600	83	161944	21.099	ug/l #	83
40) Benzene	8.606	78	416689	20.737	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.776	41	56396	18.120	ug/l	#	88
42) 1,2-Dichloroethane	8.671	62	134439	19.012	ug/l		96
43) Isopropyl Acetate	8.688	43	184053	18.866	ug/l	#	90
44) Trichloroethene	9.353	130	109688	19.409	ug/l		97
45) 1,2-Dichloropropane	9.623	63	96026	19.719	ug/l		96
46) Dibromomethane	9.712	93	74870	20.245	ug/l	#	87
47) Bromodichloromethane	9.888	83	152711	21.120	ug/l	#	98
48) Methyl methacrylate	9.682	41	81848	18.190	ug/l	#	86
49) 1,4-Dioxane	9.694	88	39020	360.848	ug/l	#	80
51) 4-Methyl-2-Pentanone	10.447	43	545302	91.604	ug/l		90
52) Toluene	10.629	92	270877	21.210	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	149307	19.123	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	162197	19.376	ug/l		91
55) 1,1,2-Trichloroethane	11.017	97	99991	19.454	ug/l		91
56) Ethyl methacrylate	10.876	69	140355	19.889	ug/l	#	81
57) 1,3-Dichloropropane	11.165	76	162797	19.321	ug/l		97
58) 2-Chloroethyl Vinyl ether	10.159	63	295791	91.461	ug/l	#	83
59) 2-Hexanone	11.194	43	409670	93.083	ug/l		91
60) Dibromochloromethane	11.359	129	119970	21.224	ug/l		97
61) 1,2-Dibromoethane	11.470	107	102960	19.649	ug/l		97
64) Tetrachloroethene	11.106	164	115636	20.430	ug/l		95
65) Chlorobenzene	11.894	112	295501	21.110	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.964	131	103005	19.854	ug/l		97
67) Ethyl Benzene	11.964	91	494543	20.338	ug/l		95
68) m/p-Xylenes	12.070	106	392168	43.021	ug/l		91
69) o-Xylene	12.400	106	187322	20.932	ug/l		91
70) Styrene	12.411	104	302282	20.944	ug/l		95
71) Bromoform	12.582	173	76234	19.554	ug/l	#	96
73) Isopropylbenzene	12.694	105	482150	20.458	ug/l		97
74) N-amyl acetate	12.494	43	151607	17.776	ug/l	#	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	123342	17.800	ug/l		97
76) 1,2,3-Trichloropropane	12.994	75	117904m	17.828	ug/l		
77) Bromobenzene	12.976	156	116657	20.038	ug/l		70
78) n-propylbenzene	13.035	91	562855	20.223	ug/l		95
79) 2-Chlorotoluene	13.123	91	338857	20.342	ug/l		90
80) 1,3,5-Trimethylbenzene	13.176	105	403416	20.725	ug/l		94
81) trans-1,4-Dichloro-2-b...	12.741	75	46340m	18.935	ug/l		
82) 4-Chlorotoluene	13.223	91	338626	20.619	ug/l		92
83) tert-Butylbenzene	13.441	119	347015	20.673	ug/l		92
84) 1,2,4-Trimethylbenzene	13.482	105	407718	20.840	ug/l		94
85) sec-Butylbenzene	13.617	105	492822	20.538	ug/l		93
86) p-Isopropyltoluene	13.729	119	412230	21.016	ug/l		95
87) 1,3-Dichlorobenzene	13.735	146	214718	20.074	ug/l		95
88) 1,4-Dichlorobenzene	13.811	146	218682	19.744	ug/l		97
89) n-Butylbenzene	14.058	91	338135	19.440	ug/l		96
90) Hexachloroethane	14.335	117	79580	21.422	ug/l		98
91) 1,2-Dichlorobenzene	14.105	146	210335	20.430	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26081	17.686	ug/l		75
93) 1,2,4-Trichlorobenzene	15.394	180	110043	18.486	ug/l		94
94) Hexachlorobutadiene	15.499	225	46446	17.783	ug/l		95
95) Naphthalene	15.641	128	363342	18.837	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	110425	18.442	ug/l		97

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

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