

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102423\
 Data File : VN079658.D
 Acq On : 24 Oct 2023 15:25
 Operator : JC\MD
 Sample : VN1024WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 25 01:48:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	275700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	479829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	427740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	170522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	213959	47.863	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.720%
35) Dibromofluoromethane	8.171	113	168524	48.873	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.740%
50) Toluene-d8	10.571	98	625735	50.152	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.300%
62) 4-Bromofluorobenzene	12.853	95	198300	49.525	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.060%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	66394	16.806	ug/l	98
3) Chloromethane	2.365	50	78354	15.895	ug/l	100
4) Vinyl Chloride	2.518	62	87280	17.022	ug/l	96
5) Bromomethane	2.959	94	53057	17.285	ug/l	97
6) Chloroethane	3.124	64	56929	14.727	ug/l	100
7) Trichlorofluoromethane	3.501	101	108577	17.935	ug/l	98
8) Diethyl Ether	3.965	74	38965	18.054	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.377	101	63005	17.809	ug/l	98
10) Methyl Iodide	4.600	142	62270	20.284	ug/l	95
11) Tert butyl alcohol	5.530	59	52217	77.610	ug/l	99
12) 1,1-Dichloroethene	4.342	96	56227	17.261	ug/l	85
13) Acrolein	4.183	56	47489	70.886	ug/l	94
14) Allyl chloride	5.024	41	99329	18.896	ug/l #	89
15) Acrylonitrile	5.730	53	172578	88.475	ug/l	98
16) Acetone	4.430	43	174044	98.161	ug/l	93
17) Carbon Disulfide	4.712	76	152106	14.970	ug/l	97
18) Methyl Acetate	5.030	43	143734	16.563	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	201602	19.048	ug/l	93
20) Methylene Chloride	5.283	84	70634	17.804	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	63036	16.569	ug/l	89
22) Diisopropyl ether	6.677	45	229430	19.464	ug/l #	92
23) Vinyl Acetate	6.612	43	593062	89.446	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	129912	18.008	ug/l	98
25) 2-Butanone	7.488	43	237008	90.063	ug/l #	80
26) 2,2-Dichloropropane	7.500	77	108730	19.722	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	74859	18.112	ug/l	85
28) Bromochloromethane	7.818	49	77840	22.678	ug/l #	76
29) Tetrahydrofuran	7.841	42	148797	87.426	ug/l #	77
30) Chloroform	7.971	83	134855	18.501	ug/l	89
31) Cyclohexane	8.265	56	106208	16.750	ug/l	84
32) 1,1,1-Trichloroethane	8.177	97	112202	18.292	ug/l	95
36) 1,1-Dichloropropene	8.377	75	97025	18.748	ug/l	95
37) Ethyl Acetate	7.571	43	92924	18.045	ug/l #	91
38) Carbon Tetrachloride	8.365	117	95451	18.423	ug/l	98
39) Methylcyclohexane	9.606	83	85845	17.265	ug/l #	85
40) Benzene	8.612	78	290467	18.899	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.788	41	49352	18.229	ug/l	#	85
42) 1,2-Dichloroethane	8.677	62	103881	18.601	ug/l		97
43) Isopropyl Acetate	8.694	43	165800	18.378	ug/l	#	86
44) Trichloroethene	9.359	130	67928	18.778	ug/l		94
45) 1,2-Dichloropropane	9.624	63	77396	19.112	ug/l		99
46) Dibromomethane	9.712	93	50896	19.406	ug/l		98
47) Bromodichloromethane	9.894	83	104545	19.378	ug/l		96
48) Methyl methacrylate	9.688	41	72338	18.711	ug/l	#	79
49) 1,4-Dioxane	9.700	88	24710	346.997	ug/l	#	79
51) 4-Methyl-2-Pentanone	10.447	43	478841	94.022	ug/l		89
52) Toluene	10.635	92	175039	19.347	ug/l		97
53) t-1,3-Dichloropropene	10.841	75	105320	19.371	ug/l		93
54) cis-1,3-Dichloropropene	10.318	75	113845	19.128	ug/l	#	89
55) 1,1,2-Trichloroethane	11.018	97	69344	19.092	ug/l		92
56) Ethyl methacrylate	10.882	69	96204	19.275	ug/l	#	80
57) 1,3-Dichloropropane	11.165	76	125059	19.940	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	182635	95.551	ug/l		90
59) 2-Hexanone	11.200	43	349561	95.118	ug/l		86
60) Dibromochloromethane	11.365	129	73507	20.137	ug/l		100
61) 1,2-Dibromoethane	11.476	107	68412	18.979	ug/l		98
64) Tetrachloroethene	11.106	164	54775	18.615	ug/l		96
65) Chlorobenzene	11.894	112	178269	18.714	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.965	131	69905	20.042	ug/l		98
67) Ethyl Benzene	11.971	91	318239	19.221	ug/l		98
68) m/p-Xylenes	12.076	106	235148	39.088	ug/l		92
69) o-Xylene	12.406	106	113822	19.239	ug/l		94
70) Styrene	12.418	104	185249	19.823	ug/l		98
71) Bromoform	12.582	173	47401	18.569	ug/l	#	99
73) Isopropylbenzene	12.700	105	291612	18.382	ug/l		99
74) N-amyl acetate	12.500	43	114890	17.665	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	104970	19.765	ug/l		99
76) 1,2,3-Trichloropropane	13.000	75	91936m	18.699	ug/l		
77) Bromobenzene	12.982	156	70073	18.014	ug/l		98
78) n-propylbenzene	13.041	91	342606	19.088	ug/l		97
79) 2-Chlorotoluene	13.129	91	208931	18.191	ug/l		100
80) 1,3,5-Trimethylbenzene	13.176	105	239934	19.180	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.741	75	27825	16.421	ug/l	#	81
82) 4-Chlorotoluene	13.223	91	200941	18.386	ug/l		98
83) tert-Butylbenzene	13.441	119	188066	18.349	ug/l		97
84) 1,2,4-Trimethylbenzene	13.488	105	234225	19.619	ug/l		99
85) sec-Butylbenzene	13.623	105	266947	18.673	ug/l		100
86) p-Isopropyltoluene	13.735	119	211358	19.272	ug/l		100
87) 1,3-Dichlorobenzene	13.741	146	114266	18.521	ug/l		98
88) 1,4-Dichlorobenzene	13.817	146	112976	17.734	ug/l		98
89) n-Butylbenzene	14.059	91	163238	18.639	ug/l		99
90) Hexachloroethane	14.335	117	44196	19.206	ug/l		88
91) 1,2-Dichlorobenzene	14.112	146	112783	18.741	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14640	15.959	ug/l		99
93) 1,2,4-Trichlorobenzene	15.400	180	28763	15.432	ug/l		99
94) Hexachlorobutadiene	15.506	225	27186	18.728	ug/l		99
95) Naphthalene	15.647	128	77172	13.559	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	34037	15.303	ug/l		98

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

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