

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021924\
 Data File : VN081070.D
 Acq On : 19 Feb 2024 12:33
 Operator : JC\MD
 Sample : VN0219WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0219WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/20/2024
 Supervised By : Mahesh Dadoda 02/20/2024

Quant Time: Feb 20 00:19:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	398934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	732053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	650413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	282333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	246085	50.326	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.660%			
35) Dibromofluoromethane	8.165	113	210386	50.824	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.640%			
50) Toluene-d8	10.565	98	726510	49.414	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.820%			
62) 4-Bromofluorobenzene	12.853	95	270549	48.972	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	108516	21.034	ug/l	89
3) Chloromethane	2.365	50	108489	18.530	ug/l	96
4) Vinyl Chloride	2.518	62	111890	19.525	ug/l	92
5) Bromomethane	2.965	94	81217	19.954	ug/l	98
6) Chloroethane	3.130	64	72863	19.121	ug/l	91
7) Trichlorofluoromethane	3.500	101	164078	19.599	ug/l	92
8) Diethyl Ether	3.959	74	59067	19.298	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	91934	19.698	ug/l	94
10) Methyl Iodide	4.595	142	104911	20.138	ug/l	98
11) Tert butyl alcohol	5.512	59	74593	82.949	ug/l	99
12) 1,1-Dichloroethene	4.342	96	86001	19.063	ug/l	96
13) Acrolein	4.177	56	58802	122.000	ug/l	96
14) Allyl chloride	5.024	41	127997	19.121	ug/l #	89
15) Acrylonitrile	5.712	53	212367	90.424	ug/l	97
16) Acetone	4.424	43	167229	86.916	ug/l #	88
17) Carbon Disulfide	4.712	76	238640	18.965	ug/l	96
18) Methyl Acetate	5.018	43	89713	19.114	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	293115	18.970	ug/l	96
20) Methylene Chloride	5.271	84	100467	19.620	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	95936	19.060	ug/l	84
22) Diisopropyl ether	6.671	45	300595	19.796	ug/l #	89
23) Vinyl Acetate	6.600	43	1181514	95.903	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	175065	19.939	ug/l	97
25) 2-Butanone	7.477	43	272040	87.520	ug/l	93
26) 2,2-Dichloropropane	7.494	77	157003	19.085	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	111478	19.062	ug/l	88
28) Bromochloromethane	7.818	49	74637	20.505	ug/l #	67
29) Tetrahydrofuran	7.835	42	180705	87.088	ug/l #	89
30) Chloroform	7.965	83	190659	20.427	ug/l	98
31) Cyclohexane	8.259	56	161744	19.157	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	169067	19.889	ug/l	89
36) 1,1-Dichloropropene	8.371	75	140950	19.875	ug/l	96
37) Ethyl Acetate	7.559	43	118283	18.480	ug/l	98
38) Carbon Tetrachloride	8.365	117	144790	20.180	ug/l	94
39) Methylcyclohexane	9.600	83	164761	19.930	ug/l	91
40) Benzene	8.606	78	407049	19.829	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	70478	19.348	ug/l	96
42) 1,2-Dichloroethane	8.671	62	142375	19.880	ug/l	98
43) Isopropyl Acetate	8.688	43	206386	18.437	ug/l #	94
44) Trichloroethene	9.353	130	104985	19.202	ug/l	92
45) 1,2-Dichloropropane	9.624	63	102884	20.036	ug/l	92
46) Dibromomethane	9.706	93	70616	18.875	ug/l #	90
47) Bromodichloromethane	9.888	83	141508	19.971	ug/l #	99
48) Methyl methacrylate	9.682	41	99339	19.072	ug/l	95
49) 1,4-Dioxane	9.694	88	36909	359.495	ug/l	88
51) 4-Methyl-2-Pentanone	10.447	43	588104	91.329	ug/l	96
52) Toluene	10.629	92	258302	19.876	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	158446	20.122	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	166951	19.624	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	99077	19.822	ug/l	88
56) Ethyl methacrylate	10.876	69	143044	18.726	ug/l	89
57) 1,3-Dichloropropane	11.165	76	171686	19.866	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	352510	91.971	ug/l #	86
59) 2-Hexanone	11.194	43	424185	83.089	ug/l	94
60) Dibromochloromethane	11.359	129	105233	19.818	ug/l	96
61) 1,2-Dibromoethane	11.471	107	100152	19.055	ug/l	98
64) Tetrachloroethene	11.106	164	91513	20.615	ug/l	95
65) Chlorobenzene	11.888	112	269172	19.122	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	98489	19.479	ug/l	97
67) Ethyl Benzene	11.965	91	489909	19.449	ug/l	95
68) m/p-Xylenes	12.070	106	376748	39.021	ug/l	95
69) o-Xylene	12.400	106	186200	19.455	ug/l	92
70) Styrene	12.412	104	291516	19.222	ug/l	98
71) Bromoform	12.576	173	62698	19.546	ug/l #	98
73) Isopropylbenzene	12.694	105	483075	19.556	ug/l	97
74) N-amyl acetate	12.494	43	184536	17.676	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	122733	17.670	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	110382m	17.207	ug/l	
77) Bromobenzene	12.976	156	103008	18.702	ug/l	75
78) n-propylbenzene	13.035	91	556583	19.573	ug/l	95
79) 2-Chlorotoluene	13.123	91	332433	19.059	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	396050	19.774	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	42962	17.238	ug/l	91
82) 4-Chlorotoluene	13.223	91	327746	19.217	ug/l	95
83) tert-Butylbenzene	13.441	119	338108	19.523	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	394016	19.742	ug/l	93
85) sec-Butylbenzene	13.617	105	470228	19.531	ug/l	92
86) p-Isopropyltoluene	13.729	119	392509	19.628	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	196570	18.888	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	193284	18.901	ug/l	97
89) n-Butylbenzene	14.059	91	337631	19.380	ug/l	96
90) Hexachloroethane	14.335	117	66276	20.050	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	189598	18.889	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24127	16.707	ug/l	77
93) 1,2,4-Trichlorobenzene	15.394	180	107771	19.246	ug/l	97
94) Hexachlorobutadiene	15.506	225	39423	18.877	ug/l	96
95) Naphthalene	15.641	128	363030	17.691	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	102429	18.439	ug/l	98

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

