

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021624\
 Data File : VN081058.D
 Acq On : 16 Feb 2024 17:18
 Operator : JC\MD
 Sample : VN0216WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0216WBS01

Quant Time: Feb 16 23:48:12 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

Manual Integrations APPROVED

Reviewed By : John Carlone 02/17/2024
 Supervised By : Semsettin Yesilyurt 02/20/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	381335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	715304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	630327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	271457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	231100	49.443	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.880%		
35) Dibromofluoromethane	8.171	113	195743	48.393	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.780%		
50) Toluene-d8	10.570	98	683265	47.561	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.120%		
62) 4-Bromofluorobenzene	12.853	95	260719	48.298	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	99915	20.260	ug/l	97
3) Chloromethane	2.365	50	108903	19.520	ug/l	95
4) Vinyl Chloride	2.518	62	110474	20.167	ug/l	92
5) Bromomethane	2.959	94	74372	19.115	ug/l	93
6) Chloroethane	3.118	64	71520	19.659	ug/l	98
7) Trichlorofluoromethane	3.500	101	156743	19.587	ug/l	90
8) Diethyl Ether	3.959	74	57181	19.544	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	87046	19.512	ug/l	92
10) Methyl Iodide	4.588	142	95810	19.240	ug/l	98
11) Tert butyl alcohol	5.524	59	92903	108.079	ug/l #	85
12) 1,1-Dichloroethene	4.341	96	84738	19.650	ug/l #	76
13) Acrolein	4.183	56	56698	123.064	ug/l	99
14) Allyl chloride	5.024	41	119896	18.738	ug/l #	91
15) Acrylonitrile	5.718	53	223849	99.712	ug/l	98
16) Acetone	4.430	43	183642	99.851	ug/l	98
17) Carbon Disulfide	4.718	76	216304	17.983	ug/l #	94
18) Methyl Acetate	5.030	43	97296	21.686	ug/l	91
19) Methyl tert-butyl Ether	5.794	73	288243	19.516	ug/l	98
20) Methylene Chloride	5.283	84	96832	19.790	ug/l	89
21) trans-1,2-Dichloroethene	5.788	96	88565	18.408	ug/l	97
22) Diisopropyl ether	6.671	45	287806	19.829	ug/l #	94
23) Vinyl Acetate	6.606	43	1149733m	97.630	ug/l	
24) 1,1-Dichloroethane	6.571	63	165193	19.683	ug/l	96
25) 2-Butanone	7.482	43	300215	101.041	ug/l #	90
26) 2,2-Dichloropropane	7.488	77	149678	19.034	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	104437	18.683	ug/l	90
28) Bromochloromethane	7.812	49	69364	19.936	ug/l #	66
29) Tetrahydrofuran	7.841	42	196990	99.318	ug/l #	87
30) Chloroform	7.971	83	175421	19.662	ug/l	98
31) Cyclohexane	8.259	56	151637	18.789	ug/l #	79
32) 1,1,1-Trichloroethane	8.171	97	159215	19.594	ug/l	92
36) 1,1-Dichloropropene	8.371	75	129900	18.746	ug/l	96
37) Ethyl Acetate	7.559	43	124084	19.840	ug/l	96
38) Carbon Tetrachloride	8.365	117	135731	19.360	ug/l	98
39) Methylcyclohexane	9.600	83	150915	18.682	ug/l	88
40) Benzene	8.606	78	395216	19.704	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	67204	18.881	ug/l	94
42) 1,2-Dichloroethane	8.671	62	133919	19.137	ug/l	98
43) Isopropyl Acetate	8.688	43	220365	20.147	ug/l #	96
44) Trichloroethene	9.353	130	98254	18.392	ug/l	95
45) 1,2-Dichloropropane	9.623	63	95190	18.972	ug/l	93
46) Dibromomethane	9.712	93	69147	18.915	ug/l	92
47) Bromodichloromethane	9.888	83	134795	19.469	ug/l #	96
48) Methyl methacrylate	9.682	41	99981	19.644	ug/l	93
49) 1,4-Dioxane	9.694	88	43148	438.272	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	651195	103.494	ug/l	95
52) Toluene	10.629	92	244305	19.240	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	153537	19.955	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	156269	18.799	ug/l	92
55) 1,1,2-Trichloroethane	11.017	97	96876	19.836	ug/l	97
56) Ethyl methacrylate	10.876	69	145953	19.554	ug/l	90
57) 1,3-Dichloropropane	11.165	76	167071	19.784	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	367773	98.200	ug/l #	86
59) 2-Hexanone	11.200	43	498234	99.879	ug/l	96
60) Dibromochloromethane	11.359	129	100219	19.316	ug/l	98
61) 1,2-Dibromoethane	11.470	107	99955	19.462	ug/l	97
64) Tetrachloroethene	11.106	164	82321	19.136	ug/l	94
65) Chlorobenzene	11.894	112	257045	18.842	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.964	131	96562	19.707	ug/l	96
67) Ethyl Benzene	11.964	91	480532	19.685	ug/l	94
68) m/p-Xylenes	12.076	106	370964	39.646	ug/l	92
69) o-Xylene	12.400	106	178578	19.253	ug/l	95
70) Styrene	12.412	104	289900	19.724	ug/l	97
71) Bromoform	12.582	173	64258	20.670	ug/l #	98
73) Isopropylbenzene	12.700	105	465444	19.597	ug/l	97
74) N-amyl acetate	12.494	43	193262	19.253	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	131925	19.754	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	124974m	20.263	ug/l	
77) Bromobenzene	12.982	156	102241	19.306	ug/l	76
78) n-propylbenzene	13.041	91	530138	19.390	ug/l	95
79) 2-Chlorotoluene	13.129	91	317219	18.915	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	388925	20.197	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	48930	20.420	ug/l	99
82) 4-Chlorotoluene	13.223	91	315179	19.221	ug/l	94
83) tert-Butylbenzene	13.441	119	325025	19.520	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	373487	19.463	ug/l	94
85) sec-Butylbenzene	13.617	105	461774	19.948	ug/l	93
86) p-Isopropyltoluene	13.735	119	373556	19.428	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	185814	18.570	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	185727	18.890	ug/l	98
89) n-Butylbenzene	14.058	91	324988	19.401	ug/l	97
90) Hexachloroethane	14.335	117	59576	18.745	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	180643	18.718	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27864	20.067	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	101055	18.769	ug/l	99
94) Hexachlorobutadiene	15.505	225	37877	18.863	ug/l	92
95) Naphthalene	15.641	128	376437	19.080	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	99363	18.603	ug/l	98

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

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