

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030124\
 Data File : VN081276.D
 Acq On : 01 Mar 2024 11:23
 Operator : JC\MD
 Sample : VN0301WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0301WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/04/2024
 Supervised By : Mahesh Dadoda 03/04/2024

Quant Time: Mar 01 22:13:37 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	238431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	431280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	387034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	173630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	148284	50.739	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.480%			
35) Dibromofluoromethane	8.165	113	124580	51.083	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.160%			
50) Toluene-d8	10.565	98	396443	45.769	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.540%			
62) 4-Bromofluorobenzene	12.853	95	153896	47.284	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	55001	17.837	ug/l	93
3) Chloromethane	2.365	50	53495	15.077	ug/l	97
4) Vinyl Chloride	2.518	62	59702	17.431	ug/l	100
5) Bromomethane	2.971	94	42443	17.447	ug/l	98
6) Chloroethane	3.130	64	41255	18.067	ug/l	100
7) Trichlorofluoromethane	3.501	101	95687	19.123	ug/l	84
8) Diethyl Ether	3.959	74	33239	18.170	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.383	101	55552	19.916	ug/l #	81
10) Methyl Iodide	4.589	142	45509	14.616	ug/l	98
11) Tert butyl alcohol	5.512	59	40017	74.456	ug/l	98
12) 1,1-Dichloroethene	4.342	96	48471	17.976	ug/l	97
13) Acrolein	4.183	56	18796	65.249	ug/l	97
14) Allyl chloride	5.030	41	71226	17.803	ug/l #	93
15) Acrylonitrile	5.712	53	129639	92.357	ug/l	98
16) Acetone	4.418	43	93963	81.711	ug/l	98
17) Carbon Disulfide	4.718	76	114229	15.189	ug/l	96
18) Methyl Acetate	5.024	43	59893	21.351	ug/l #	88
19) Methyl tert-butyl Ether	5.795	73	173605	18.799	ug/l	96
20) Methylene Chloride	5.277	84	59566	19.455	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	52486	17.447	ug/l	94
22) Diisopropyl ether	6.671	45	177236	19.529	ug/l #	92
23) Vinyl Acetate	6.600	43	668653	90.810	ug/l	97
24) 1,1-Dichloroethane	6.571	63	104646	19.942	ug/l	96
25) 2-Butanone	7.483	43	160562	86.428	ug/l	91
26) 2,2-Dichloropropane	7.489	77	94997	19.321	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	64087	18.336	ug/l	88
28) Bromochloromethane	7.812	49	41701	19.169	ug/l #	70
29) Tetrahydrofuran	7.836	42	112202	90.475	ug/l	92
30) Chloroform	7.965	83	115301	20.669	ug/l	95
31) Cyclohexane	8.259	56	84624	16.770	ug/l #	73
32) 1,1,1-Trichloroethane	8.171	97	98495	19.387	ug/l	96
36) 1,1-Dichloropropene	8.371	75	76984	18.426	ug/l	96
37) Ethyl Acetate	7.559	43	66311	17.585	ug/l	98
38) Carbon Tetrachloride	8.359	117	82559	19.531	ug/l	98
39) Methylcyclohexane	9.600	83	85646	17.585	ug/l	95
40) Benzene	8.606	78	244111	20.185	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	36695	17.099	ug/l	94
42) 1,2-Dichloroethane	8.671	62	86289	20.451	ug/l	98
43) Isopropyl Acetate	8.688	43	121362	18.403	ug/l #	96
44) Trichloroethene	9.353	130	60634	18.824	ug/l	100
45) 1,2-Dichloropropane	9.624	63	61158	20.217	ug/l	91
46) Dibromomethane	9.712	93	41964	19.039	ug/l #	91
47) Bromodichloromethane	9.888	83	86908	20.819	ug/l #	93
48) Methyl methacrylate	9.683	41	55389	18.050	ug/l	93
49) 1,4-Dioxane	9.694	88	20830	342.627	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	360319	94.978	ug/l	95
52) Toluene	10.630	92	145858	19.051	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	86774	18.705	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	98317	19.616	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	61782	20.981	ug/l	89
56) Ethyl methacrylate	10.871	69	83790	18.618	ug/l	89
57) 1,3-Dichloropropane	11.165	76	104400	20.505	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	220411	97.611	ug/l	92
59) 2-Hexanone	11.194	43	258538	85.960	ug/l	97
60) Dibromochloromethane	11.359	129	60866	19.457	ug/l	99
61) 1,2-Dibromoethane	11.471	107	59371	19.173	ug/l	98
64) Tetrachloroethene	11.106	164	57515	21.773	ug/l	93
65) Chlorobenzene	11.894	112	158383	18.908	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	58764	19.532	ug/l	97
67) Ethyl Benzene	11.965	91	281825	18.802	ug/l	98
68) m/p-Xylenes	12.071	106	214284	37.297	ug/l	95
69) o-Xylene	12.400	106	106597	18.717	ug/l	94
70) Styrene	12.412	104	170693	18.914	ug/l	96
71) Bromoform	12.576	173	35507	18.602	ug/l #	95
73) Isopropylbenzene	12.694	105	271618	17.880	ug/l	99
74) N-amyl acetate	12.494	43	101015	15.733	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	78761	18.438	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	72504m	18.379	ug/l	
77) Bromobenzene	12.982	156	62728	18.519	ug/l	75
78) n-propylbenzene	13.035	91	328168	18.765	ug/l	95
79) 2-Chlorotoluene	13.123	91	197629	18.424	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	233517	18.959	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	25936	16.922	ug/l #	86
82) 4-Chlorotoluene	13.223	91	195146	18.606	ug/l	95
83) tert-Butylbenzene	13.441	119	195594	18.365	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	225077	18.338	ug/l	96
85) sec-Butylbenzene	13.618	105	285062	19.253	ug/l	94
86) p-Isopropyltoluene	13.729	119	230446	18.738	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	114557	17.899	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	117897	18.747	ug/l	98
89) n-Butylbenzene	14.059	91	206697	19.292	ug/l	95
90) Hexachloroethane	14.335	117	38856	19.114	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	115956	18.785	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15261	17.183	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	58433	16.968	ug/l	98
94) Hexachlorobutadiene	15.500	225	25879	20.150	ug/l	93
95) Naphthalene	15.641	128	197719	15.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	59531	17.426	ug/l	98

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

