

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081404.D
 Acq On : 14 Mar 2024 12:44
 Operator : JC\MD
 Sample : VN0314WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS01

Quant Time: Mar 15 01:10:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/15/2024
 Supervised By : Mahesh Dadoda 03/15/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	299990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	553441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	502583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	231043	53.266	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.540%			
35) Dibromofluoromethane	8.171	113	180363	53.193	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.380%			
50) Toluene-d8	10.571	98	663423	52.339	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.680%			
62) 4-Bromofluorobenzene	12.853	95	230444	51.439	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 102.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	80288	20.190	ug/l	92
3) Chloromethane	2.365	50	79132	18.422	ug/l	94
4) Vinyl Chloride	2.518	62	80957	18.066	ug/l	94
5) Bromomethane	2.959	94	55239	18.457	ug/l	97
6) Chloroethane	3.124	64	59099	19.202	ug/l	90
7) Trichlorofluoromethane	3.501	101	130146	19.632	ug/l	99
8) Diethyl Ether	3.965	74	43763	18.738	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.377	101	74272	19.675	ug/l	94
10) Methyl Iodide	4.595	142	68165	19.732	ug/l	93
11) Tert butyl alcohol	5.518	59	72736	95.901	ug/l	99
12) 1,1-Dichloroethene	4.342	96	66761	19.096	ug/l	97
13) Acrolein	4.177	56	72183	80.373	ug/l	92
14) Allyl chloride	5.018	41	97243	18.743	ug/l	89
15) Acrylonitrile	5.724	53	194270	98.047	ug/l	97
16) Acetone	4.424	43	154304	100.406	ug/l	99
17) Carbon Disulfide	4.712	76	169632	17.001	ug/l	100
18) Methyl Acetate	5.024	43	103211	23.457	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	226965	19.142	ug/l	92
20) Methylene Chloride	5.277	84	79150	20.369	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	69375	17.601	ug/l	90
22) Diisopropyl ether	6.677	45	242532	21.046	ug/l #	94
23) Vinyl Acetate	6.600	43	891706	95.250	ug/l	96
24) 1,1-Dichloroethane	6.565	63	141099	20.002	ug/l	95
25) 2-Butanone	7.483	43	257823	100.177	ug/l	99
26) 2,2-Dichloropropane	7.489	77	119907	19.233	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	87208	19.515	ug/l	87
28) Bromochloromethane	7.812	49	66278	21.958	ug/l #	75
29) Tetrahydrofuran	7.841	42	164513	93.740	ug/l #	86
30) Chloroform	7.965	83	152604	20.847	ug/l	100
31) Cyclohexane	8.265	56	124293	18.927	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	133477	20.628	ug/l	90
36) 1,1-Dichloropropene	8.377	75	105996	19.377	ug/l	97
37) Ethyl Acetate	7.559	43	104390	19.522	ug/l	98
38) Carbon Tetrachloride	8.365	117	112225	20.384	ug/l	91
39) Methylcyclohexane	9.600	83	114900	18.251	ug/l	92
40) Benzene	8.606	78	313150	19.178	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	57068	18.898	ug/l	94
42) 1,2-Dichloroethane	8.671	62	118460	20.576	ug/l	98
43) Isopropyl Acetate	8.688	43	184442	19.706	ug/l	98
44) Trichloroethene	9.353	130	78128	18.972	ug/l	92
45) 1,2-Dichloropropane	9.624	63	80867	19.715	ug/l	96
46) Dibromomethane	9.712	93	57388	19.849	ug/l	92
47) Bromodichloromethane	9.888	83	115147	20.515	ug/l #	95
48) Methyl methacrylate	9.677	41	82389	19.915	ug/l	91
49) 1,4-Dioxane	9.694	88	33059	362.542	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	549375	101.088	ug/l	97
52) Toluene	10.630	92	195107	19.781	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	119358	19.654	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	129154	19.701	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	78137	19.977	ug/l	97
56) Ethyl methacrylate	10.877	69	112737	20.072	ug/l	92
57) 1,3-Dichloropropane	11.165	76	135950	19.915	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	274881	90.984	ug/l	92
59) 2-Hexanone	11.194	43	408083	100.443	ug/l	98
60) Dibromochloromethane	11.359	129	84765	21.042	ug/l	98
61) 1,2-Dibromoethane	11.471	107	80281	19.781	ug/l	96
64) Tetrachloroethene	11.106	164	77493	19.692	ug/l	91
65) Chlorobenzene	11.894	112	209206	19.754	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	77631	20.032	ug/l	99
67) Ethyl Benzene	11.965	91	368170	19.299	ug/l	99
68) m/p-Xylenes	12.076	106	274324	38.208	ug/l	100
69) o-Xylene	12.400	106	131679	18.924	ug/l	99
70) Styrene	12.412	104	221488	20.086	ug/l	98
71) Bromoform	12.576	173	53940	20.048	ug/l #	95
73) Isopropylbenzene	12.694	105	355392	19.794	ug/l	99
74) N-amyl acetate	12.494	43	145704	19.341	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	108232	19.533	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	101608m	19.347	ug/l	
77) Bromobenzene	12.982	156	79920	18.774	ug/l	83
78) n-propylbenzene	13.035	91	432606	20.371	ug/l	98
79) 2-Chlorotoluene	13.129	91	255325	19.670	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	300718	20.262	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	36265	19.271	ug/l	85
82) 4-Chlorotoluene	13.223	91	251699	19.631	ug/l	96
83) tert-Butylbenzene	13.441	119	254936	20.036	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	303116	20.158	ug/l	98
85) sec-Butylbenzene	13.618	105	370233	20.113	ug/l	97
86) p-Isopropyltoluene	13.729	119	296627	20.094	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	149717	18.626	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	153788	19.141	ug/l	99
89) n-Butylbenzene	14.059	91	256072	18.915	ug/l	97
90) Hexachloroethane	14.335	117	51867	20.068	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	146178	18.954	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22325	18.828	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	76951	18.667	ug/l	97
94) Hexachlorobutadiene	15.506	225	29645	17.404	ug/l	98
95) Naphthalene	15.641	128	270026	18.408	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	77913	18.637	ug/l	99

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

