

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080329.D
 Acq On : 04 Dec 2023 11:25
 Operator : JC\MD
 Sample : VN1204WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2023
 Supervised By : Mahesh Dadoda 12/05/2023

Quant Time: Dec 05 04:11:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	221440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	336915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	177916	48.660	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.320%		
35) Dibromofluoromethane	8.171	113	129620	52.140	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.280%		
50) Toluene-d8	10.571	98	458703	51.186	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.380%		
62) 4-Bromofluorobenzene	12.853	95	171240	50.589	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.180%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	64078	19.426	ug/l	98
3) Chloromethane	2.359	50	41441	16.711	ug/l	99
4) Vinyl Chloride	2.512	62	48428	18.453	ug/l	91
5) Bromomethane	2.953	94	32560	18.275	ug/l	95
6) Chloroethane	3.124	64	31773	18.481	ug/l	90
7) Trichlorofluoromethane	3.500	101	109465	19.995	ug/l	100
8) Diethyl Ether	3.959	74	27731	17.417	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.377	101	48634	19.436	ug/l	93
10) Methyl Iodide	4.589	142	51025	18.868	ug/l #	85
11) Tert butyl alcohol	5.512	59	39658	98.632	ug/l	97
12) 1,1-Dichloroethene	4.342	96	45988	19.649	ug/l	95
13) Acrolein	4.171	56	24229	68.090	ug/l	97
14) Allyl chloride	5.024	41	51411	17.459	ug/l	90
15) Acrylonitrile	5.718	53	97430	90.263	ug/l	100
16) Acetone	4.430	43	91334	74.372	ug/l	97
17) Carbon Disulfide	4.712	76	119898	17.157	ug/l	99
18) Methyl Acetate	5.024	43	66030	16.734	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	160366	19.402	ug/l	99
20) Methylene Chloride	5.271	84	51600	20.064	ug/l	95
21) trans-1,2-Dichloroethene	5.788	96	49307	19.177	ug/l #	79
22) Diisopropyl ether	6.677	45	122872	18.860	ug/l	96
23) Vinyl Acetate	6.606	43	337891	86.270	ug/l	97
24) 1,1-Dichloroethane	6.571	63	88062	18.559	ug/l	95
25) 2-Butanone	7.482	43	116814	80.059	ug/l	97
26) 2,2-Dichloropropane	7.494	77	93606	19.884	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	55585	19.068	ug/l	87
28) Bromochloromethane	7.818	49	33850	18.146	ug/l	94
29) Tetrahydrofuran	7.835	42	69958	89.306	ug/l	96
30) Chloroform	7.965	83	107631	20.294	ug/l	92
31) Cyclohexane	8.259	56	70202	17.655	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	106745	20.639	ug/l	98
36) 1,1-Dichloropropene	8.371	75	72311	20.091	ug/l	96
37) Ethyl Acetate	7.559	43	44521	17.833	ug/l	100
38) Carbon Tetrachloride	8.365	117	99299	21.741	ug/l	96
39) Methylcyclohexane	9.606	83	64974	18.722	ug/l #	88
40) Benzene	8.606	78	206188	20.156	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	24508	17.876	ug/l #	92
42) 1,2-Dichloroethane	8.677	62	90105	21.530	ug/l	96
43) Isopropyl Acetate	8.688	43	79000	16.261	ug/l	98
44) Trichloroethene	9.353	130	57981	21.608	ug/l	100
45) 1,2-Dichloropropane	9.624	63	46635	19.617	ug/l	97
46) Dibromomethane	9.706	93	38369	21.322	ug/l	91
47) Bromodichloromethane	9.888	83	85170	21.516	ug/l	95
48) Methyl methacrylate	9.682	41	45715	18.259	ug/l	95
49) 1,4-Dioxane	9.694	88	16408	393.941	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	236817	94.154	ug/l	99
52) Toluene	10.635	92	136517	21.325	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	82404	20.262	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	86895	20.913	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	50477	20.659	ug/l	96
56) Ethyl methacrylate	10.876	69	49788	19.946	ug/l	94
57) 1,3-Dichloropropane	11.165	76	84047	19.702	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	117406	83.489	ug/l	99
59) 2-Hexanone	11.200	43	174307	86.243	ug/l	96
60) Dibromochloromethane	11.359	129	64219	21.953	ug/l	99
61) 1,2-Dibromoethane	11.470	107	50548	20.279	ug/l	97
64) Tetrachloroethene	11.106	164	60689	25.983	ug/l	98
65) Chlorobenzene	11.894	112	139849	20.165	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	59258	22.019	ug/l	91
67) Ethyl Benzene	11.965	91	245705	19.910	ug/l	94
68) m/p-Xylenes	12.070	106	192724	42.832	ug/l	91
69) o-Xylene	12.400	106	88706	20.919	ug/l	86
70) Styrene	12.412	104	132386	20.976	ug/l #	92
71) Bromoform	12.582	173	44117	22.105	ug/l #	98
73) Isopropylbenzene	12.700	105	237169	20.417	ug/l	99
74) N-amyl acetate	12.494	43	62558	17.270	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	61555	17.705	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	71813m	19.607	ug/l	
77) Bromobenzene	12.982	156	59703	20.386	ug/l	95
78) n-propylbenzene	13.035	91	262824	20.234	ug/l	99
79) 2-Chlorotoluene	13.129	91	171975	20.385	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	206358	20.408	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	20116	18.556	ug/l #	85
82) 4-Chlorotoluene	13.223	91	173734	20.102	ug/l	99
83) tert-Butylbenzene	13.441	119	163277	20.136	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	209506	21.042	ug/l	94
85) sec-Butylbenzene	13.617	105	207217	20.201	ug/l	99
86) p-Isopropyltoluene	13.735	119	189716	20.703	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	102738	19.471	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	104129	19.637	ug/l	97
89) n-Butylbenzene	14.059	91	141128	18.400	ug/l	99
90) Hexachloroethane	14.335	117	34687	19.417	ug/l	69
91) 1,2-Dichlorobenzene	14.106	146	100644	19.932	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14833	18.368	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	49252	16.771	ug/l	98
94) Hexachlorobutadiene	15.506	225	30165	17.849	ug/l	99
95) Naphthalene	15.641	128	124391	14.607	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	46038	16.725	ug/l	98

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

