

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080808.D
 Acq On : 30 Jan 2024 12:16
 Operator : JC\MD
 Sample : VN0130WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2024
 Supervised By : Semsettin Yesilyurt 01/31/2024

Quant Time: Jan 31 02:07:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	120746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	212049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	77418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105986	50.738	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	101.480%		
35) Dibromofluoromethane	8.171	113	74607	48.543	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.080%		
50) Toluene-d8	10.571	98	296305	49.257	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.520%		
62) 4-Bromofluorobenzene	12.847	95	95788	45.695	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	33837	18.867	ug/l	99
3) Chloromethane	2.359	50	51007	18.920	ug/l	100
4) Vinyl Chloride	2.512	62	38801	18.931	ug/l	99
5) Bromomethane	2.959	94	16724	20.400	ug/l	87
6) Chloroethane	3.118	64	25411	23.255	ug/l	90
7) Trichlorofluoromethane	3.501	101	51216	19.308	ug/l	97
8) Diethyl Ether	3.959	74	24389	19.931	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	30313	19.597	ug/l	96
10) Methyl Iodide	4.583	142	24783	18.980	ug/l	92
11) Tert butyl alcohol	5.506	59	30951	90.896	ug/l #	87
12) 1,1-Dichloroethene	4.342	96	31613	18.652	ug/l	95
13) Acrolein	4.171	56	41623	96.933	ug/l	100
14) Allyl chloride	5.018	41	65186	19.458	ug/l	99
15) Acrylonitrile	5.724	53	95188	92.949	ug/l	97
16) Acetone	4.424	43	70488	93.044	ug/l	90
17) Carbon Disulfide	4.706	76	95686	18.135	ug/l	98
18) Methyl Acetate	5.018	43	52177	19.762	ug/l	92
19) Methyl tert-butyl Ether	5.789	73	113509	19.007	ug/l	97
20) Methylene Chloride	5.271	84	36660	18.434	ug/l #	91
21) trans-1,2-Dichloroethene	5.783	96	34308	18.632	ug/l	94
22) Diisopropyl ether	6.671	45	148319	20.066	ug/l	96
23) Vinyl Acetate	6.600	43	554595	103.696	ug/l	99
24) 1,1-Dichloroethane	6.571	63	73490	19.604	ug/l	97
25) 2-Butanone	7.483	43	130536	90.716	ug/l	98
26) 2,2-Dichloropropane	7.488	77	58316	19.247	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	40619	19.057	ug/l	99
28) Bromochloromethane	7.812	49	37949	19.121	ug/l	97
29) Tetrahydrofuran	7.841	42	90649	93.099	ug/l	99
30) Chloroform	7.965	83	65537	18.818	ug/l	89
31) Cyclohexane	8.253	56	68367	19.087	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	54798	19.403	ug/l	95
36) 1,1-Dichloropropene	8.371	75	51885	18.163	ug/l	98
37) Ethyl Acetate	7.559	43	52385	17.814	ug/l	98
38) Carbon Tetrachloride	8.359	117	42306	18.381	ug/l	99
39) Methylcyclohexane	9.606	83	52121	18.356	ug/l	94
40) Benzene	8.606	78	162182	19.317	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	28762	16.594	ug/l	95
42) 1,2-Dichloroethane	8.671	62	54406	19.890	ug/l	99
43) Isopropyl Acetate	8.688	43	96021	17.934	ug/l	99
44) Trichloroethene	9.359	130	33886	18.324	ug/l	87
45) 1,2-Dichloropropane	9.618	63	44334	19.512	ug/l	94
46) Dibromomethane	9.712	93	23072	17.129	ug/l	100
47) Bromodichloromethane	9.888	83	53232	19.466	ug/l #	98
48) Methyl methacrylate	9.677	41	45541	17.545	ug/l	97
49) 1,4-Dioxane	9.694	88	10333	330.494	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	279993	93.549	ug/l	99
52) Toluene	10.629	92	93448	19.412	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	59017	18.526	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	66293	19.136	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	34642	18.725	ug/l	97
56) Ethyl methacrylate	10.871	69	58960	20.731	ug/l	96
57) 1,3-Dichloropropane	11.165	76	64704	18.583	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	159000	95.901	ug/l	99
59) 2-Hexanone	11.194	43	205248	88.283	ug/l	100
60) Dibromochloromethane	11.365	129	30322	17.621	ug/l	97
61) 1,2-Dibromoethane	11.471	107	32758	18.893	ug/l	96
64) Tetrachloroethene	11.100	164	27177	19.499	ug/l	84
65) Chlorobenzene	11.894	112	89047	19.241	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	29996	19.932	ug/l	98
67) Ethyl Benzene	11.965	91	167264	19.446	ug/l	99
68) m/p-Xylenes	12.071	106	118887	38.919	ug/l	100
69) o-Xylene	12.400	106	57384	18.905	ug/l	95
70) Styrene	12.412	104	94940	19.476	ug/l	99
71) Bromoform	12.576	173	18547	18.227	ug/l #	95
73) Isopropylbenzene	12.694	105	141776	19.998	ug/l	97
74) N-amyl acetate	12.494	43	82798	18.810	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	46413	18.611	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	41234m	17.660	ug/l	
77) Bromobenzene	12.982	156	28201	18.608	ug/l	94
78) n-propylbenzene	13.035	91	172614	20.380	ug/l	99
79) 2-Chlorotoluene	13.129	91	103659	19.256	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	114599	20.297	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17186	18.962	ug/l	90
82) 4-Chlorotoluene	13.223	91	100645	18.882	ug/l	95
83) tert-Butylbenzene	13.441	119	90086	19.980	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	111293	19.455	ug/l	98
85) sec-Butylbenzene	13.618	105	135280	20.351	ug/l	99
86) p-Isopropyltoluene	13.729	119	102672	19.875	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	51947	19.163	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	52455	19.301	ug/l	96
89) n-Butylbenzene	14.059	91	96109	19.012	ug/l	99
90) Hexachloroethane	14.329	117	16028	17.732	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	51205	20.638	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	7981	17.122	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	24413	19.118	ug/l	99
94) Hexachlorobutadiene	15.500	225	11165	20.013	ug/l	88
95) Naphthalene	15.641	128	87767	17.962	ug/l	96
96) 1,2,3-Trichlorobenzene	15.835	180	23280	18.547	ug/l	97

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

