

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071524\
 Data File : VN082919.D
 Acq On : 15 Jul 2024 15:49
 Operator : JC\MD
 Sample : VN0715WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/16/2024
 Supervised By : Mahesh Dadoda 07/16/2024

Quant Time: Jul 16 01:24:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	112064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	188677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	175344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	83842	53.372	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.740%			
35) Dibromofluoromethane	8.171	113	65384	54.005	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.020%			
50) Toluene-d8	10.571	98	230510	51.549	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.100%			
62) 4-Bromofluorobenzene	12.853	95	78360	48.784	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 97.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	29138	20.083	ug/l	96
3) Chloromethane	2.359	50	27981	20.336	ug/l	99
4) Vinyl Chloride	2.512	62	29725	20.570	ug/l	99
5) Bromomethane	2.948	94	19589	18.802	ug/l	93
6) Chloroethane	3.106	64	20396	20.626	ug/l	95
7) Trichlorofluoromethane	3.495	101	35604	17.131	ug/l	96
8) Diethyl Ether	3.959	74	12855	18.072	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.365	101	24500	20.828	ug/l	99
10) Methyl Iodide	4.589	142	20357	16.880	ug/l	99
11) Tert butyl alcohol	5.536	59	29573	111.927	ug/l	98
12) 1,1-Dichloroethene	4.336	96	22300	19.493	ug/l #	80
13) Acrolein	4.177	56	23271	121.992	ug/l	99
14) Allyl chloride	5.030	41	35634	19.978	ug/l	95
15) Acrylonitrile	5.718	53	70998	116.924	ug/l	98
16) Acetone	4.436	43	61807	111.751	ug/l	93
17) Carbon Disulfide	4.700	76	61422	17.968	ug/l	98
18) Methyl Acetate	5.036	43	37979	25.951	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	80333	20.357	ug/l	99
20) Methylene Chloride	5.277	84	27435	20.540	ug/l #	84
21) trans-1,2-Dichloroethene	5.783	96	24143	19.477	ug/l	90
22) Diisopropyl ether	6.677	45	81750	21.907	ug/l #	91
23) Vinyl Acetate	6.606	43	330334	111.469	ug/l	99
24) 1,1-Dichloroethane	6.571	63	49043	21.666	ug/l	98
25) 2-Butanone	7.489	43	98854	118.372	ug/l	97
26) 2,2-Dichloropropane	7.494	77	41944	19.930	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	28815	19.856	ug/l	92
28) Bromochloromethane	7.818	49	25076	25.824	ug/l	90
29) Tetrahydrofuran	7.841	42	63911	121.561	ug/l	88
30) Chloroform	7.971	83	52142	21.714	ug/l	99
31) Cyclohexane	8.259	56	38739	18.862	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	45893	20.584	ug/l	93
36) 1,1-Dichloropropene	8.377	75	32909	19.715	ug/l	99
37) Ethyl Acetate	7.571	43	40766	23.988	ug/l	97
38) Carbon Tetrachloride	8.365	117	39237	19.523	ug/l	93
39) Methylcyclohexane	9.606	83	31259	17.337	ug/l	91
40) Benzene	8.606	78	106888	20.817	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	19753	21.575	ug/l #	89
42) 1,2-Dichloroethane	8.677	62	40400	21.856	ug/l	98
43) Isopropyl Acetate	8.688	43	70196	20.134	ug/l #	97
44) Trichloroethene	9.353	130	25116	19.093	ug/l	99
45) 1,2-Dichloropropane	9.624	63	26754	22.318	ug/l	93
46) Dibromomethane	9.712	93	19868	21.275	ug/l	97
47) Bromodichloromethane	9.888	83	42336	21.940	ug/l	100
48) Methyl methacrylate	9.688	41	29514	22.149	ug/l	92
49) 1,4-Dioxane	9.700	88	13224	450.583	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	205858	122.187	ug/l	95
52) Toluene	10.635	92	67862	21.158	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	41505	20.879	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	43613	20.728	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	26779	22.705	ug/l	98
56) Ethyl methacrylate	10.877	69	39266	21.399	ug/l	91
57) 1,3-Dichloropropane	11.165	76	45205	21.653	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	112571	119.557	ug/l	95
59) 2-Hexanone	11.200	43	155616	124.234	ug/l	95
60) Dibromochloromethane	11.365	129	32897	21.899	ug/l	96
61) 1,2-Dibromoethane	11.477	107	26935	21.505	ug/l	96
64) Tetrachloroethene	11.106	164	24728	18.902	ug/l	96
65) Chlorobenzene	11.894	112	72540	19.306	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	27920	20.891	ug/l	98
67) Ethyl Benzene	11.965	91	116636	18.470	ug/l	100
68) m/p-Xylenes	12.076	106	90608	38.004	ug/l	100
69) o-Xylene	12.400	106	43070	18.854	ug/l	98
70) Styrene	12.418	104	74378	19.705	ug/l	98
71) Bromoform	12.582	173	22097	21.024	ug/l #	100
73) Isopropylbenzene	12.700	105	105804	17.357	ug/l	98
74) N-amyl acetate	12.494	43	52282	20.735	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	39492	21.632	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	37790m	26.129	ug/l	
77) Bromobenzene	12.982	156	28974	18.424	ug/l	100
78) n-propylbenzene	13.041	91	127740	18.226	ug/l	98
79) 2-Chlorotoluene	13.129	91	82743	18.528	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	89855	18.236	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	15568	21.170	ug/l	93
82) 4-Chlorotoluene	13.223	91	82881	18.751	ug/l	98
83) tert-Butylbenzene	13.441	119	74021	16.945	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	91288	18.177	ug/l	100
85) sec-Butylbenzene	13.618	105	104016	17.620	ug/l	98
86) p-Isopropyltoluene	13.729	119	84919	17.242	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	53110	18.695	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	53371	18.166	ug/l	99
89) n-Butylbenzene	14.059	91	70622	16.737	ug/l	99
90) Hexachloroethane	14.335	117	19051	18.281	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	52035	18.865	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8270	19.580	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	24867	16.737	ug/l	99
94) Hexachlorobutadiene	15.506	225	10478	15.908	ug/l	97
95) Naphthalene	15.647	128	86120	16.923	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	27158	17.777	ug/l	96

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

