

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061824\
 Data File : VN082624.D
 Acq On : 18 Jun 2024 11:44
 Operator : JC\MD
 Sample : VN0618WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/19/2024
 Supervised By :Mahesh Dadoda 06/19/2024

Quant Time: Jun 19 00:53:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	163400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	273667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	251434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143994	54.952	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.900%			
35) Dibromofluoromethane	8.171	113	98680	53.153	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.300%			
50) Toluene-d8	10.571	98	372326	53.032	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.060%			
62) 4-Bromofluorobenzene	12.853	95	125486	51.843	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	43390	19.013	ug/l	94
3) Chloromethane	2.359	50	49571	18.120	ug/l	97
4) Vinyl Chloride	2.512	62	49598	19.051	ug/l	98
5) Bromomethane	2.953	94	31561	18.832	ug/l	86
6) Chloroethane	3.112	64	33454	18.020	ug/l	95
7) Trichlorofluoromethane	3.495	101	62289	18.339	ug/l	96
8) Diethyl Ether	3.965	74	22642	19.574	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	36400	19.133	ug/l	98
10) Methyl Iodide	4.595	142	35651	19.672	ug/l #	96
11) Tert butyl alcohol	5.530	59	41910	97.725	ug/l	99
12) 1,1-Dichloroethene	4.342	96	33467	18.395	ug/l	95
13) Acrolein	4.177	56	44157	101.076	ug/l	98
14) Allyl chloride	5.030	41	63820	17.936	ug/l	97
15) Acrylonitrile	5.724	53	111974	98.915	ug/l	98
16) Acetone	4.430	43	107407	90.129	ug/l	99
17) Carbon Disulfide	4.712	76	100212	17.344	ug/l	100
18) Methyl Acetate	5.030	43	59663	20.470	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	124620	20.011	ug/l	96
20) Methylene Chloride	5.277	84	42103	20.096	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	35546	18.384	ug/l	97
22) Diisopropyl ether	6.671	45	148857	19.949	ug/l	98
23) Vinyl Acetate	6.606	43	591078	99.890	ug/l	99
24) 1,1-Dichloroethane	6.571	63	77798	19.246	ug/l	98
25) 2-Butanone	7.488	43	165393	97.643	ug/l	99
26) 2,2-Dichloropropane	7.488	77	63394	18.078	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	42798	18.370	ug/l	99
28) Bromochloromethane	7.818	49	38704	20.981	ug/l	98
29) Tetrahydrofuran	7.847	42	108601	104.732	ug/l	99
30) Chloroform	7.971	83	77034	19.536	ug/l	96
31) Cyclohexane	8.259	56	67087	17.740	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	67095	18.764	ug/l	99
36) 1,1-Dichloropropene	8.371	75	51613	18.597	ug/l	99
37) Ethyl Acetate	7.565	43	64752	18.316	ug/l	99
38) Carbon Tetrachloride	8.365	117	56979	18.218	ug/l	96
39) Methylcyclohexane	9.606	83	53805	18.422	ug/l	96
40) Benzene	8.606	78	164775	19.215	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	37084	20.522	ug/l	97
42) 1,2-Dichloroethane	8.671	62	67493	20.691	ug/l	99
43) Isopropyl Acetate	8.694	43	130197	19.707	ug/l	97
44) Trichloroethene	9.353	130	36905	18.533	ug/l	93
45) 1,2-Dichloropropane	9.624	63	43608	19.756	ug/l	98
46) Dibromomethane	9.712	93	30011	20.057	ug/l	98
47) Bromodichloromethane	9.894	83	64350	20.172	ug/l	99
48) Methyl methacrylate	9.682	41	54275	19.928	ug/l	99
49) 1,4-Dioxane	9.694	88	18497	434.184	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	349205	103.050	ug/l	99
52) Toluene	10.635	92	101498	19.530	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	64274	19.709	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	67596	20.045	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	38277	20.349	ug/l	97
56) Ethyl methacrylate	10.876	69	61323	19.684	ug/l	97
57) 1,3-Dichloropropane	11.165	76	70268	20.207	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	142839	86.672	ug/l	100
59) 2-Hexanone	11.200	43	256958	99.768	ug/l	99
60) Dibromochloromethane	11.359	129	46455	20.232	ug/l	100
61) 1,2-Dibromoethane	11.471	107	39728	20.032	ug/l	98
64) Tetrachloroethene	11.106	164	37610	18.142	ug/l	98
65) Chlorobenzene	11.894	112	110125	19.100	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	40460	19.679	ug/l	98
67) Ethyl Benzene	11.965	91	182205	18.546	ug/l	99
68) m/p-Xylenes	12.076	106	139539	38.178	ug/l	98
69) o-Xylene	12.400	106	67041	19.523	ug/l	98
70) Styrene	12.412	104	113473	19.470	ug/l	99
71) Bromoform	12.582	173	31996	19.684	ug/l #	99
73) Isopropylbenzene	12.700	105	164949	17.916	ug/l	99
74) N-amyl acetate	12.494	43	91590	18.641	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	57215	19.052	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	55158m	18.601	ug/l	
77) Bromobenzene	12.982	156	44363	18.720	ug/l	99
78) n-propylbenzene	13.035	91	202106	18.559	ug/l	100
79) 2-Chlorotoluene	13.129	91	125076	18.314	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	139006	18.605	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	21775	17.568	ug/l	96
82) 4-Chlorotoluene	13.223	91	125528	18.400	ug/l	99
83) tert-Butylbenzene	13.441	119	115026	18.074	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	143096	19.092	ug/l	99
85) sec-Butylbenzene	13.617	105	163235	18.060	ug/l	99
86) p-Isopropyltoluene	13.729	119	135535	18.621	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	78255	18.213	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	79711	17.749	ug/l	99
89) n-Butylbenzene	14.059	91	115876	17.948	ug/l	98
90) Hexachloroethane	14.335	117	28239	17.832	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	76614	18.261	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12283	19.326	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	38587	17.442	ug/l	99
94) Hexachlorobutadiene	15.500	225	16713	15.322	ug/l	97
95) Naphthalene	15.641	128	121188	17.806	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	39498	17.520	ug/l	99

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

