

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
 Data File : VN075866.D
 Acq On : 19 Dec 2022 13:10
 Operator : JC\MD
 Sample : VN1219WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBS01

Quant Time: Dec 20 01:28:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/20/2022
 Supervised By : Mahesh Dadoda 12/20/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	319783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	505712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	445217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	211638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	171194	49.209	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.420%		
35) Dibromofluoromethane	8.171	113	155801	49.748	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.500%		
50) Toluene-d8	10.571	98	586561	50.093	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.180%		
62) 4-Bromofluorobenzene	12.853	95	192814	49.716	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	39157	17.245	ug/l	99
3) Chloromethane	2.371	50	45666	16.174	ug/l	100
4) Vinyl Chloride	2.530	62	58469	17.361	ug/l	99
5) Bromomethane	2.954	94	49712	17.368	ug/l	98
6) Chloroethane	3.130	64	44317	17.769	ug/l	94
7) Trichlorofluoromethane	3.512	101	94440	18.480	ug/l	92
8) Diethyl Ether	3.977	74	34859	18.676	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	55074	18.873	ug/l	99
10) Methyl Iodide	4.601	142	81954	17.305	ug/l	99
11) Tert butyl alcohol	5.536	59	42825	86.996	ug/l	99
12) 1,1-Dichloroethene	4.353	96	50334	17.760	ug/l	95
13) Acrolein	4.195	56	71823	119.010	ug/l	98
14) Allyl chloride	5.042	41	58919	17.783	ug/l	94
15) Acrylonitrile	5.736	53	123195	91.706	ug/l	99
16) Acetone	4.436	43	118833	99.089	ug/l	96
17) Carbon Disulfide	4.724	76	115364	16.812	ug/l	96
18) Methyl Acetate	5.042	43	63681	17.964	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	177780	19.048	ug/l	98
20) Methylene Chloride	5.289	84	59107	18.015	ug/l	93
21) trans-1,2-Dichloroethene	5.800	96	54973	17.711	ug/l	98
22) Diisopropyl ether	6.683	45	153175	19.031	ug/l	99
23) Vinyl Acetate	6.612	43	498970	92.108	ug/l	98
24) 1,1-Dichloroethane	6.583	63	96987	18.069	ug/l	97
25) 2-Butanone	7.489	43	162572	96.816	ug/l	97
26) 2,2-Dichloropropane	7.494	77	85641	18.840	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	67840	18.275	ug/l	96
28) Bromochloromethane	7.824	49	39398	16.746	ug/l	96
29) Tetrahydrofuran	7.847	42	101656	96.604	ug/l	98
30) Chloroform	7.971	83	109820	18.171	ug/l	96
31) Cyclohexane	8.265	56	88520	17.766	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	99082	18.493	ug/l	96
36) 1,1-Dichloropropene	8.377	75	78282	18.817	ug/l	100
37) Ethyl Acetate	7.571	43	64815	19.396	ug/l	97
38) Carbon Tetrachloride	8.371	117	87722	18.839	ug/l	99
39) Methylcyclohexane	9.600	83	98974	19.720	ug/l	97
40) Benzene	8.612	78	241287	18.798	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	33324	19.185	ug/l	96
42) 1,2-Dichloroethane	8.677	62	80629	18.894	ug/l	99
43) Isopropyl Acetate	8.694	43	106449	19.311	ug/l	99
44) Trichloroethene	9.353	130	65180	18.025	ug/l	89
45) 1,2-Dichloropropane	9.624	63	59109	18.924	ug/l	96
46) Dibromomethane	9.712	93	42189	18.210	ug/l	98
47) Bromodichloromethane	9.888	83	85372	18.791	ug/l	97
48) Methyl methacrylate	9.683	41	48081	19.366	ug/l	97
49) 1,4-Dioxane	9.700	88	24687	404.460	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	329641	98.882	ug/l	98
52) Toluene	10.635	92	159495	19.079	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	84913	19.093	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	94132	19.278	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	63347	19.306	ug/l	99
56) Ethyl methacrylate	10.877	69	85005	19.504	ug/l	97
57) 1,3-Dichloropropane	11.165	76	102581	19.059	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	140244	101.068	ug/l	98
59) 2-Hexanone	11.200	43	243560	100.183	ug/l	98
60) Dibromochloromethane	11.365	129	68773	18.847	ug/l	98
61) 1,2-Dibromoethane	11.471	107	64449	19.409	ug/l	99
64) Tetrachloroethene	11.106	164	57667	18.407	ug/l	96
65) Chlorobenzene	11.894	112	170244	18.630	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	65281	19.287	ug/l	98
67) Ethyl Benzene	11.965	91	298940	19.383	ug/l	99
68) m/p-Xylenes	12.076	106	240059	39.327	ug/l	100
69) o-Xylene	12.400	106	116162	19.230	ug/l	97
70) Styrene	12.412	104	189601	19.740	ug/l	99
71) Bromoform	12.582	173	47307	19.208	ug/l #	98
73) Isopropylbenzene	12.700	105	306629	20.049	ug/l	100
74) N-amyl acetate	12.494	43	88507	19.726	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	88780	18.778	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	75468m	17.690	ug/l	
77) Bromobenzene	12.982	156	74670	19.292	ug/l	98
78) n-propylbenzene	13.041	91	341638	20.253	ug/l	100
79) 2-Chlorotoluene	13.129	91	205625	19.528	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	259881	20.303	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	27079	22.848	ug/l	88
82) 4-Chlorotoluene	13.129	91	205625	19.528	ug/l	99
83) tert-Butylbenzene	13.441	119	239427	21.215	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	257388	20.269	ug/l	99
85) sec-Butylbenzene	13.618	105	318508	20.447	ug/l	98
86) p-Isopropyltoluene	13.735	119	271184	20.923	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	135124	18.900	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	134393	18.400	ug/l	99
89) n-Butylbenzene	14.059	91	207433	19.755	ug/l	100
90) Hexachloroethane	14.335	117	47170	20.345	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	134493	19.098	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14991	17.869	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	64043	18.369	ug/l	99
94) Hexachlorobutadiene	15.506	225	36386	19.128	ug/l	98
95) Naphthalene	15.641	128	185848	17.610	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	62121	19.063	ug/l	99

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

