

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
 Data File : VN075812.D
 Acq On : 15 Dec 2022 13:00
 Operator : JC\MD
 Sample : VN1215WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/16/2022
 Supervised By : Mahesh Dadoda 12/16/2022

Quant Time: Dec 16 03:07:41 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	307030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	490451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	440617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	180372	54.000	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.000%			
35) Dibromofluoromethane	8.177	113	161487	53.168	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.340%			
50) Toluene-d8	10.571	98	609856	53.703	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.400%			
62) 4-Bromofluorobenzene	12.853	95	203092	53.996	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	41541	19.055	ug/l	97
3) Chloromethane	2.371	50	48972	18.065	ug/l	99
4) Vinyl Chloride	2.530	62	58104	17.969	ug/l	99
5) Bromomethane	2.953	94	50047	18.211	ug/l	94
6) Chloroethane	3.124	64	43175	18.030	ug/l	99
7) Trichlorofluoromethane	3.512	101	92176	18.786	ug/l	95
8) Diethyl Ether	3.971	74	37777	21.080	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	55338	19.751	ug/l	98
10) Methyl Iodide	4.600	142	87679	19.283	ug/l	99
11) Tert butyl alcohol	5.536	59	46023	97.375	ug/l #	85
12) 1,1-Dichloroethene	4.348	96	51650	18.981	ug/l	99
13) Acrolein	4.189	56	71971	124.209	ug/l	99
14) Allyl chloride	5.030	41	60861	19.132	ug/l	92
15) Acrylonitrile	5.736	53	129686	100.548	ug/l	99
16) Acetone	4.442	43	114921	99.807	ug/l	99
17) Carbon Disulfide	4.730	76	119575	18.149	ug/l	99
18) Methyl Acetate	5.030	43	67099	19.714	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	188685	21.056	ug/l	95
20) Methylene Chloride	5.283	84	63323	20.176	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	56170	18.848	ug/l	89
22) Diisopropyl ether	6.683	45	160858	20.816	ug/l	96
23) Vinyl Acetate	6.612	43	556315	106.959	ug/l	98
24) 1,1-Dichloroethane	6.577	63	101234	19.643	ug/l	98
25) 2-Butanone	7.494	43	164215	101.857	ug/l	95
26) 2,2-Dichloropropane	7.500	77	83717	19.182	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	68804	19.304	ug/l	95
28) Bromochloromethane	7.824	49	41625	18.428	ug/l	98
29) Tetrahydrofuran	7.847	42	104676	103.606	ug/l	100
30) Chloroform	7.971	83	113503	19.561	ug/l	97
31) Cyclohexane	8.265	56	88807	18.564	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	99089	19.262	ug/l	99
36) 1,1-Dichloropropene	8.377	75	79379	19.674	ug/l	99
37) Ethyl Acetate	7.565	43	66475	20.511	ug/l	97
38) Carbon Tetrachloride	8.371	117	88840	19.673	ug/l	96
39) Methylcyclohexane	9.606	83	100947	20.738	ug/l	97
40) Benzene	8.612	78	250372	20.112	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	37842	22.464	ug/l	97
42) 1,2-Dichloroethane	8.677	62	84404	20.394	ug/l	99
43) Isopropyl Acetate	8.694	43	112415	21.028	ug/l	99
44) Trichloroethene	9.359	130	64881	18.500	ug/l	100
45) 1,2-Dichloropropane	9.624	63	60216	19.878	ug/l	99
46) Dibromomethane	9.712	93	45196	20.115	ug/l	97
47) Bromodichloromethane	9.894	83	90247	20.482	ug/l	93
48) Methyl methacrylate	9.682	41	51831	21.526	ug/l	98
49) 1,4-Dioxane	9.700	88	24348	411.319	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	343756	106.325	ug/l	99
52) Toluene	10.635	92	164058	20.235	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	89424	20.733	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	99407	20.992	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	67056	21.072	ug/l	98
56) Ethyl methacrylate	10.876	69	91052	21.541	ug/l	99
57) 1,3-Dichloropropane	11.165	76	109016	20.885	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	119974	89.150	ug/l	98
59) 2-Hexanone	11.200	43	248329	105.323	ug/l	100
60) Dibromochloromethane	11.359	129	70603	19.950	ug/l	98
61) 1,2-Dibromoethane	11.471	107	66724	20.720	ug/l	99
64) Tetrachloroethene	11.106	164	60154	19.401	ug/l	97
65) Chlorobenzene	11.894	112	175501	19.406	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	65456	19.541	ug/l	99
67) Ethyl Benzene	11.965	91	310179	20.322	ug/l	98
68) m/p-Xylenes	12.071	106	246939	40.876	ug/l	100
69) o-Xylene	12.400	106	120998	20.239	ug/l	98
70) Styrene	12.412	104	196904	20.714	ug/l	99
71) Bromoform	12.576	173	49796	20.430	ug/l #	98
73) Isopropylbenzene	12.700	105	315710	20.501	ug/l	99
74) N-amyl acetate	12.494	43	96341	21.325	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	94775	19.908	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	79955m	18.613	ug/l	
77) Bromobenzene	12.982	156	77464	19.877	ug/l	98
78) n-propylbenzene	13.035	91	356113	20.967	ug/l	99
79) 2-Chlorotoluene	13.129	91	212255	20.020	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	268705	20.848	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	24164	20.248	ug/l	96
82) 4-Chlorotoluene	13.129	91	212255	20.020	ug/l	100
83) tert-Butylbenzene	13.441	119	235903	20.760	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	270795	21.179	ug/l	99
85) sec-Butylbenzene	13.617	105	330727	21.086	ug/l	100
86) p-Isopropyltoluene	13.735	119	276558	21.191	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	143270	19.901	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	140777	19.142	ug/l	99
89) n-Butylbenzene	14.059	91	219797	20.789	ug/l	100
90) Hexachloroethane	14.335	117	46202	19.791	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	141741	19.989	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16177	19.151	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	68964	19.645	ug/l	100
94) Hexachlorobutadiene	15.506	225	38599	20.153	ug/l	98
95) Naphthalene	15.641	128	213173	19.758	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	67097	20.449	ug/l	99

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

