

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032323\
 Data File : VN077153.D
 Acq On : 23 Mar 2023 16:42
 Operator : JC\MD
 Sample : VN0323WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0323WBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Mahesh Dadoda 03/24/2023

Quant Time: Mar 24 01:35:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	370196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	660114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	578813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	256299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	313162	52.960	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.920%			
35) Dibromofluoromethane	8.178	113	242543	52.466	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.940%			
50) Toluene-d8	10.572	98	859333	52.038	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.080%			
62) 4-Bromofluorobenzene	12.854	95	287837	49.327	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.143	85	59701	16.271	ug/l	94
3) Chloromethane	2.378	50	98715	26.466	ug/l	97
4) Vinyl Chloride	2.525	62	119025	29.564	ug/l	98
5) Bromomethane	2.972	94	81830	30.091	ug/l	98
6) Chloroethane	3.131	64	86918	34.118	ug/l	95
7) Trichlorofluoromethane	3.507	101	185756	21.447	ug/l	96
8) Diethyl Ether	3.978	74	66530	20.411	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.384	101	91131	18.549	ug/l	97
10) Methyl Iodide	4.601	142	109788	19.840	ug/l	97
11) Tert butyl alcohol	5.542	59	99757	115.773	ug/l	98
12) 1,1-Dichloroethene	4.348	96	88402	19.669	ug/l	98
13) Acrolein	4.190	56	104259	97.827	ug/l	99
14) Allyl chloride	5.037	41	167900	20.406	ug/l	96
15) Acrylonitrile	5.737	53	308890	106.634	ug/l	98
16) Acetone	4.442	43	289035	109.699	ug/l	98
17) Carbon Disulfide	4.725	76	206378	15.748	ug/l	96
18) Methyl Acetate	5.042	43	220322	22.175	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	317757	19.699	ug/l	96
20) Methylene Chloride	5.295	84	108933	19.050	ug/l	96
21) trans-1,2-Dichloroethene	5.801	96	89121	18.294	ug/l	99
22) Diisopropyl ether	6.684	45	367069	20.362	ug/l	94
23) Vinyl Acetate	6.613	43	1164104	102.329	ug/l	98
24) 1,1-Dichloroethane	6.584	63	199146	19.305	ug/l	99
25) 2-Butanone	7.489	43	430103	111.589	ug/l	94
26) 2,2-Dichloropropane	7.495	77	146593	18.886	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	110098	19.733	ug/l	99
28) Bromochloromethane	7.825	49	90666	20.238	ug/l	96
29) Tetrahydrofuran	7.848	42	283750	113.607	ug/l	97
30) Chloroform	7.972	83	198337	19.809	ug/l	96
31) Cyclohexane	8.260	56	161621	16.705	ug/l	94
32) 1,1,1-Trichloroethane	8.178	97	166328	19.436	ug/l	92
36) 1,1-Dichloropropene	8.378	75	136518	18.907	ug/l	99
37) Ethyl Acetate	7.572	43	171597	22.212	ug/l #	96
38) Carbon Tetrachloride	8.372	117	135221	19.227	ug/l	94
39) Methylcyclohexane	9.607	83	151187	17.889	ug/l	92
40) Benzene	8.613	78	428046	19.547	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	92197	22.153	ug/l	95
42) 1,2-Dichloroethane	8.678	62	164547	20.795	ug/l	100
43) Isopropyl Acetate	8.695	43	263971	21.873	ug/l	98
44) Trichloroethene	9.360	130	98890	19.660	ug/l	89
45) 1,2-Dichloropropane	9.625	63	116925	20.104	ug/l	95
46) Dibromomethane	9.713	93	76157	20.762	ug/l	96
47) Bromodichloromethane	9.895	83	148533	19.308	ug/l	96
48) Methyl methacrylate	9.689	41	128762	22.318	ug/l	92
49) 1,4-Dioxane	9.701	88	44176	448.296	ug/l #	92
51) 4-Methyl-2-Pentanone	10.448	43	866456	115.293	ug/l	97
52) Toluene	10.636	92	253312	19.374	ug/l	95
53) t-1,3-Dichloropropene	10.836	75	149493	19.827	ug/l	98
54) cis-1,3-Dichloropropene	10.319	75	162050	19.049	ug/l	91
55) 1,1,2-Trichloroethane	11.019	97	107920	20.932	ug/l	98
56) Ethyl methacrylate	10.877	69	154702	19.954	ug/l #	87
57) 1,3-Dichloropropane	11.166	76	188497	19.969	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.166	63	289321	87.533	ug/l	99
59) 2-Hexanone	11.201	43	637432	116.940	ug/l	93
60) Dibromochloromethane	11.366	129	106583	20.580	ug/l	99
61) 1,2-Dibromoethane	11.471	107	103830	20.308	ug/l	97
64) Tetrachloroethene	11.107	164	75997	19.563	ug/l	90
65) Chlorobenzene	11.895	112	258172	19.386	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.960	131	98477	19.984	ug/l	98
67) Ethyl Benzene	11.966	91	471146	19.477	ug/l	99
68) m/p-Xylenes	12.077	106	356726	39.763	ug/l	96
69) o-Xylene	12.401	106	178089	19.978	ug/l	97
70) Styrene	12.413	104	290535	20.935	ug/l	99
71) Bromoform	12.583	173	71794	21.500	ug/l #	97
73) Isopropylbenzene	12.701	105	454074	19.769	ug/l	99
74) N-amyl acetate	12.495	43	209680	21.091	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	164508	19.769	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	124948m	18.847	ug/l	
77) Bromobenzene	12.983	156	105957	20.593	ug/l	90
78) n-propylbenzene	13.042	91	516539	19.481	ug/l	98
79) 2-Chlorotoluene	13.130	91	315517	18.675	ug/l	96
80) 1,3,5-Trimethylbenzene	13.177	105	394163	20.554	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	43409	18.023	ug/l #	82
82) 4-Chlorotoluene	13.224	91	311412	19.383	ug/l	95
83) tert-Butylbenzene	13.442	119	324330	20.144	ug/l	96
84) 1,2,4-Trimethylbenzene	13.489	105	378307	19.768	ug/l	99
85) sec-Butylbenzene	13.618	105	458197	20.005	ug/l	99
86) p-Isopropyltoluene	13.736	119	365749	19.885	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	192955	19.842	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	189544	19.591	ug/l	98
89) n-Butylbenzene	14.060	91	299409	18.556	ug/l	98
90) Hexachloroethane	14.342	117	69086	18.475	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	193287	19.940	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	29982	19.445	ug/l	95
93) 1,2,4-Trichlorobenzene	15.395	180	82810	18.898	ug/l	99
94) Hexachlorobutadiene	15.507	225	47461	19.667	ug/l	96
95) Naphthalene	15.648	128	280689	17.765	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	82718	18.813	ug/l	97

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

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