

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110221\
 Data File : VN069340.D
 Acq On : 2 Nov 2021 11:16
 Operator : JC/MD
 Sample : VN1102WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/03/2021
 Supervised By : Mahesh Dadoda 11/03/2021

Quant Time: Nov 03 00:47:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	236334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	407011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	380200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	166593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	176209	51.650	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.300%			
35) Dibromofluoromethane	8.024	113	130885	51.587	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.180%			
50) Toluene-d8	10.443	98	521282	51.386	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.780%			
62) 4-Bromofluorobenzene	12.731	95	191011	49.898	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	52774	19.535	ug/l	100
3) Chloromethane	2.306	50	55017	19.147	ug/l	99
4) Vinyl Chloride	2.445	62	65007	19.432	ug/l	99
5) Bromomethane	2.866	94	44556	22.423	ug/l	99
6) Chloroethane	3.025	64	42093	20.440	ug/l	98
7) Trichlorofluoromethane	3.376	101	102749	24.513	ug/l	99
8) Diethyl Ether	3.824	74	30473	20.438	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.202	101	46314	20.831	ug/l	100
10) Methyl Iodide	4.419	142	49676	16.986	ug/l	97
11) Tert butyl alcohol	5.385	59	55626	92.786	ug/l	100
12) 1,1-Dichloroethene	4.178	96	43511	20.469	ug/l	98
13) Acrolein	4.041	56	12056	80.248	ug/l	98
14) Allyl chloride	4.840	41	72187	19.196	ug/l	94
15) Acrylonitrile	5.556	53	143979	100.051	ug/l	99
16) Acetone	4.290	43	159650	109.835	ug/l	99
17) Carbon Disulfide	4.527	76	96261	17.006	ug/l	99
18) Methyl Acetate	4.859	43	98541	19.949	ug/l	97
19) Methyl tert-butyl Ether	5.621	73	167838	20.067	ug/l	99
20) Methylene Chloride	5.098	84	52888	18.970	ug/l	98
21) trans-1,2-Dichloroethene	5.602	96	46834	19.512	ug/l	95
22) Diisopropyl ether	6.498	45	158569	18.653	ug/l	99
23) Vinyl Acetate	6.436	43	609998	91.992	ug/l	98
24) 1,1-Dichloroethane	6.390	63	91127	20.276	ug/l	98
25) 2-Butanone	7.337	43	208882	94.788	ug/l	97
26) 2,2-Dichloropropane	7.326	77	75929	17.754	ug/l	100
27) cis-1,2-Dichloroethene	7.326	96	56924	20.071	ug/l	99
28) Bromochloromethane	7.656	49	47327	21.017	ug/l	96
29) Tetrahydrofuran	7.686	42	128246	91.453	ug/l	96
30) Chloroform	7.820	83	99281	20.320	ug/l	98
31) Cyclohexane	8.096	56	88399	19.361	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	84848	18.306	ug/l	98
36) 1,1-Dichloropropene	8.222	75	71431	20.357	ug/l	99
37) Ethyl Acetate	7.418	43	78823	19.713	ug/l	98
38) Carbon Tetrachloride	8.206	117	70856	18.368	ug/l	98
39) Methylcyclohexane	9.461	83	87968	20.247	ug/l	95
40) Benzene	8.461	78	215894	20.456	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	37458	19.002	ug/l	91
42) 1,2-Dichloroethane	8.531	62	82356	20.735	ug/l	99
43) Isopropyl Acetate	8.563	43	128847	18.766	ug/l	98
44) Trichloroethene	9.217	130	54419	20.476	ug/l	99
45) 1,2-Dichloropropane	9.491	63	55109	20.510	ug/l	97
46) Dibromomethane	9.577	93	39359	20.617	ug/l	99
47) Bromodichloromethane	9.762	83	72779	18.515	ug/l	98
48) Methyl methacrylate	9.561	41	54670	18.116	ug/l #	83
49) 1,4-Dioxane	9.569	88	24650	360.326	ug/l	95
51) 4-Methyl-2-Pentanone	10.330	43	404819	93.303	ug/l	99
52) Toluene	10.505	92	140382	20.282	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	76161	17.725	ug/l	96
54) cis-1,3-Dichloropropene	10.188	75	84737	18.592	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	56373	20.301	ug/l	97
56) Ethyl methacrylate	10.762	69	88154	18.381	ug/l	97
57) 1,3-Dichloropropane	11.046	76	94464	20.392	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	102783	87.658	ug/l	99
59) 2-Hexanone	11.087	43	302154	92.270	ug/l	100
60) Dibromochloromethane	11.239	129	52304	17.866	ug/l	100
61) 1,2-Dibromoethane	11.347	107	57835	18.766	ug/l	98
64) Tetrachloroethene	10.979	164	49678	20.456	ug/l	99
65) Chlorobenzene	11.771	112	148189	19.806	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	52778	18.489	ug/l	98
67) Ethyl Benzene	11.846	91	276491	20.285	ug/l	99
68) m/p-Xylenes	11.953	106	204072	40.192	ug/l	98
69) o-Xylene	12.280	106	101800	19.921	ug/l	99
70) Styrene	12.294	104	164659	18.669	ug/l	99
71) Bromoform	12.460	173	35137	16.925	ug/l #	98
73) Isopropylbenzene	12.580	105	268740	19.191	ug/l	99
74) N-amyl acetate	12.390	43	96554	17.503	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.827	83	88489	19.795	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	84754m	19.343	ug/l	
77) Bromobenzene	12.862	156	61980	18.867	ug/l	98
78) n-propylbenzene	12.921	91	309532	19.528	ug/l	99
79) 2-Chlorotoluene	13.007	91	189069	18.939	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	224353	19.299	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	20554	16.873	ug/l #	85
82) 4-Chlorotoluene	13.103	91	184253	18.713	ug/l	99
83) tert-Butylbenzene	13.323	119	193592	19.087	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	219733	19.325	ug/l	99
85) sec-Butylbenzene	13.503	105	275205	19.584	ug/l	99
86) p-Isopropyltoluene	13.616	119	219536	19.588	ug/l	99
87) 1,3-Dichlorobenzene	13.616	146	110117	19.160	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	110828	19.904	ug/l	98
89) n-Butylbenzene	13.943	91	181057	19.077	ug/l	100
90) Hexachloroethane	14.211	117	34180	16.805	ug/l	97
91) 1,2-Dichlorobenzene	13.989	146	107611	19.219	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.603	75	16187	18.544	ug/l	94
93) 1,2,4-Trichlorobenzene	15.265	180	51535	20.587	ug/l	97
94) Hexachlorobutadiene	15.372	225	28998	21.045	ug/l	98
95) Naphthalene	15.507	128	147889	19.897	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	52092	21.049	ug/l	98

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

