

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111721\
 Data File : VN069533.D
 Acq On : 17 Nov 2021 16:37
 Operator : JC/MD
 Sample : VN1117WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 18 07:11:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1027445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1679496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1521797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	657632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	772615	51.862	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.720%			
35) Dibromofluoromethane	8.024	113	536804	53.292	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.580%			
50) Toluene-d8	10.443	98	2075171	52.381	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.760%			
62) 4-Bromofluorobenzene	12.731	95	735756	50.555	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	205325	18.705	ug/l	99
3) Chloromethane	2.303	50	223970	17.594	ug/l	100
4) Vinyl Chloride	2.445	62	226627	17.780	ug/l	98
5) Bromomethane	2.858	94	142522	17.217	ug/l	98
6) Chloroethane	3.019	64	152651	17.743	ug/l	98
7) Trichlorofluoromethane	3.373	101	354830	18.012	ug/l	94
8) Diethyl Ether	3.821	74	119233	18.707	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.205	101	184993	19.935	ug/l	94
10) Methyl Iodide	4.417	142	209895	18.441	ug/l	97
11) Tert butyl alcohol	5.385	59	247398	92.160	ug/l	100
12) 1,1-Dichloroethene	4.181	96	159119	19.108	ug/l	94
13) Acrolein	4.044	56	39001	98.592	ug/l	97
14) Allyl chloride	4.838	41	341448	18.546	ug/l	95
15) Acrylonitrile	5.559	53	707084	102.857	ug/l	99
16) Acetone	4.291	43	727496	90.509	ug/l	96
17) Carbon Disulfide	4.527	76	288393	14.651	ug/l	98
18) Methyl Acetate	4.857	43	499162	19.104	ug/l	93
19) Methyl tert-butyl Ether	5.624	73	697163	19.782	ug/l	97
20) Methylene Chloride	5.093	84	214358	18.807	ug/l #	85
21) trans-1,2-Dichloroethene	5.594	96	171494	18.438	ug/l	88
22) Diisopropyl ether	6.498	45	803111	20.250	ug/l	97
23) Vinyl Acetate	6.436	43	3020640	98.475	ug/l	95
24) 1,1-Dichloroethane	6.388	63	401309	19.866	ug/l	98
25) 2-Butanone	7.340	43	1066733	98.011	ug/l	92
26) 2,2-Dichloropropane	7.327	77	280893	17.772	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	229050	19.865	ug/l	88
28) Bromochloromethane	7.659	49	218317	21.104	ug/l	82
29) Tetrahydrofuran	7.689	42	697339	104.406	ug/l	89
30) Chloroform	7.820	83	422615	20.407	ug/l	99
31) Cyclohexane	8.094	56	370522	18.205	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	335211	19.392	ug/l	95
36) 1,1-Dichloropropene	8.220	75	278823	19.730	ug/l	98
37) Ethyl Acetate	7.415	43	390260	20.429	ug/l	96
38) Carbon Tetrachloride	8.206	117	267150	19.581	ug/l	98
39) Methylcyclohexane	9.459	83	330750	18.814	ug/l	90
40) Benzene	8.461	78	893565	20.485	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	198580	20.118	ug/l	92
42) 1,2-Dichloroethane	8.531	62	363964	21.309	ug/l	97
43) Isopropyl Acetate	8.563	43	639281	20.834	ug/l	94
44) Trichloroethene	9.217	130	214675	20.564	ug/l	95
45) 1,2-Dichloropropane	9.491	63	243503	20.894	ug/l	99
46) Dibromomethane	9.579	93	160987	20.623	ug/l	91
47) Bromodichloromethane	9.762	83	296563	20.359	ug/l	99
48) Methyl methacrylate	9.561	41	292934	20.292	ug/l	90
49) 1,4-Dioxane	9.571	88	105399	393.079	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	2127037	107.395	ug/l	95
52) Toluene	10.505	92	559603	20.593	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	286887	17.811	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	321627	18.184	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	228991	20.904	ug/l	98
56) Ethyl methacrylate	10.762	69	363691	18.947	ug/l #	85
57) 1,3-Dichloropropane	11.047	76	391974	20.363	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	412618	93.424	ug/l	93
59) 2-Hexanone	11.087	43	1517020	95.776	ug/l	93
60) Dibromochloromethane	11.240	129	205117	18.653	ug/l	99
61) 1,2-Dibromoethane	11.347	107	227264	19.260	ug/l	98
64) Tetrachloroethene	10.977	164	191984	20.893	ug/l	92
65) Chlorobenzene	11.771	112	588531	20.777	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	212631	21.642	ug/l	99
67) Ethyl Benzene	11.846	91	1072869	20.536	ug/l	95
68) m/p-Xylenes	11.953	106	787879	41.006	ug/l	92
69) o-Xylene	12.280	106	399435	20.853	ug/l	94
70) Styrene	12.296	104	638326	19.516	ug/l	96
71) Bromoform	12.460	173	135186	18.188	ug/l #	100
73) Isopropylbenzene	12.581	105	1050362	20.060	ug/l	99
74) N-amyl acetate	12.390	43	434410	19.577	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	363436	20.580	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	335815m	22.127	ug/l	
77) Bromobenzene	12.862	156	240020	20.043	ug/l	81
78) n-propylbenzene	12.921	91	1184389	20.102	ug/l	96
79) 2-Chlorotoluene	13.010	91	728788	19.978	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	853518	20.164	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	71857	18.250	ug/l #	82
82) 4-Chlorotoluene	13.106	91	695831	20.009	ug/l	93
83) tert-Butylbenzene	13.324	119	751615	20.262	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	832707	20.377	ug/l	98
85) sec-Butylbenzene	13.503	105	1036110	19.995	ug/l	98
86) p-Isopropyltoluene	13.616	119	820894	19.956	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	420945	20.275	ug/l	98
88) 1,4-Dichlorobenzene	13.696	146	405226	19.896	ug/l	97
89) n-Butylbenzene	13.943	91	640903	18.684	ug/l	97
90) Hexachloroethane	14.211	117	125995	18.105	ug/l	85
91) 1,2-Dichlorobenzene	13.989	146	413953	20.953	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	59297	19.208	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	170059	18.519	ug/l	96
94) Hexachlorobutadiene	15.370	225	109215	21.276	ug/l	98
95) Naphthalene	15.507	128	422293	17.629	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	165490	18.828	ug/l	99

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

