

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070661.D
 Acq On : 18 Jan 2022 10:52
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/19/2022
 Supervised By :Semsettin Yesilyurt 01/19/2022

Quant Time: Jan 18 12:35:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 12:34:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	918697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1530946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1315557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	437408	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.073	85	11420	1.108	ug/l	99
3) Chloromethane	2.303	50	17436	1.217	ug/l	99
4) Vinyl Chloride	2.451	62	15277	1.159	ug/l	95
6) Chloroethane	3.030	64	11573	1.456	ug/l	96
7) Trichlorofluoromethane	3.381	101	17075	1.090	ug/l	98
8) Diethyl Ether	3.829	74	7266	1.055	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.210	101	10791	1.137	ug/l #	88
12) 1,1-Dichloroethene	4.181	96	10616	1.133	ug/l	95
14) Allyl chloride	4.843	41	19453	0.909	ug/l #	57
15) Acrylonitrile	5.562	53	34960	5.007	ug/l	96
16) Acetone	4.291	43	48814	5.678	ug/l	98
17) Carbon Disulfide	4.527	76	28226	1.095	ug/l #	94
18) Methyl Acetate	4.867	43	19851	0.841	ug/l #	61
19) Methyl tert-butyl Ether	5.613	73	33852	0.969	ug/l	97
20) Methylene Chloride	5.092	84	12730	1.070	ug/l	85
21) trans-1,2-Dichloroethene	5.599	96	9785	0.984	ug/l	89
22) Diisopropyl ether	6.495	45	40773	0.977	ug/l	97
23) Vinyl Acetate	6.436	43	165613	5.036	ug/l #	93
24) 1,1-Dichloroethane	6.388	63	21268	0.989	ug/l	97
25) 2-Butanone	7.343	43	52615	4.825	ug/l	90
26) 2,2-Dichloropropane	7.329	77	16571	0.984	ug/l	77
27) cis-1,2-Dichloroethene	7.324	96	11580	0.979	ug/l	81
28) Bromochloromethane	7.656	49	9501	0.921	ug/l #	73
29) Tetrahydrofuran	7.689	42	31774	4.861	ug/l #	86
30) Chloroform	7.815	83	38982	1.886	ug/l	97
32) 1,1,1-Trichloroethane	8.013	97	15810	0.913	ug/l #	41
36) 1,1-Dichloropropene	8.220	75	15596	1.013	ug/l	95
37) Ethyl Acetate	7.418	43	19732m	0.981	ug/l	
38) Carbon Tetrachloride	8.209	117	13128	0.902	ug/l	91
39) Methylcyclohexane	9.456	83	17904	0.955	ug/l #	79
40) Benzene	8.458	78	48385	1.022	ug/l	96
41) Methacrylonitrile	7.638	41	9661	0.967	ug/l #	91
42) 1,2-Dichloroethane	8.531	62	16951	0.964	ug/l	99
43) Isopropyl Acetate	8.563	43	28708	0.910	ug/l	97
44) Trichloroethene	9.220	130	10858	0.970	ug/l	96
45) 1,2-Dichloropropane	9.488	63	12990	1.018	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.577	93	7187	0.913	ug/l	94
47) Bromodichloromethane	9.762	83	16289	1.045	ug/l	94
48) Methyl methacrylate	9.561	41	12788	0.853	ug/l #	82
49) 1,4-Dioxane	9.569	88	4384	19.725	ug/l #	60
51) 4-Methyl-2-Pentanone	10.330	43	86830	4.371	ug/l	98
52) Toluene	10.505	92	27486	0.962	ug/l	95
53) t-1,3-Dichloropropene	10.717	75	13538	0.799	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	16272	0.884	ug/l	97
55) 1,1,2-Trichloroethane	10.896	97	11214	0.993	ug/l	90
56) Ethyl methacrylate	10.759	69	14940	0.796	ug/l #	83
57) 1,3-Dichloropropane	11.044	76	18511	0.924	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.041	63	16352	4.067	ug/l	93
59) 2-Hexanone	11.087	43	59080	4.073	ug/l	93
60) Dibromochloromethane	11.237	129	8846	0.808	ug/l	94
61) 1,2-Dibromoethane	11.344	107	10575	0.923	ug/l	95
64) Tetrachloroethene	10.974	164	10390	1.087	ug/l	95
65) Chlorobenzene	11.768	112	27828	0.996	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	9040	0.909	ug/l #	66
67) Ethyl Benzene	11.843	91	49418	0.962	ug/l	95
68) m/p-Xylenes	11.953	106	33897	1.812	ug/l	92
69) o-Xylene	12.277	106	16759	0.902	ug/l	93
70) Styrene	12.296	104	24379	0.828	ug/l	96
71) Bromoform	12.457	173	6163	0.836	ug/l #	100
73) Isopropylbenzene	12.578	105	40608	1.002	ug/l	96
74) N-amyl acetate	12.390	43	14898	0.869	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	16305	1.193	ug/l	96
76) 1,2,3-Trichloropropane	12.876	75	12800m	0.988	ug/l	
77) Bromobenzene	12.862	156	9365	1.009	ug/l	68
78) n-propylbenzene	12.918	91	41975	0.931	ug/l	96
79) 2-Chlorotoluene	13.004	91	29142	1.009	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	31362	0.964	ug/l	92
82) 4-Chlorotoluene	13.106	91	24796	0.914	ug/l	92
83) tert-Butylbenzene	13.321	119	27674	0.966	ug/l	91
84) 1,2,4-Trimethylbenzene	13.369	105	28717	0.916	ug/l	93
85) sec-Butylbenzene	13.500	105	33475	0.860	ug/l	97
86) p-Isopropyltoluene	13.613	119	25903	0.846	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	15043	0.963	ug/l	94
88) 1,4-Dichlorobenzene	13.694	146	16303m	1.057	ug/l	
89) n-Butylbenzene	13.940	91	21612	0.845	ug/l	97
90) Hexachloroethane	14.206	117	4750	0.897	ug/l	93
91) 1,2-Dichlorobenzene	13.989	146	16306	1.066	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.605	75	2420	1.029	ug/l	66
93) 1,2,4-Trichlorobenzene	15.265	180	4880	0.672	ug/l	96
94) Hexachlorobutadiene	15.367	225	4856	1.141	ug/l	98
95) Naphthalene	15.501	128	10473	0.532	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.700	180	4483	0.632	ug/l	94

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

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