

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011623\
 Data File : VN076267.D
 Acq On : 16 Jan 2023 13:17
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2023
 Supervised By : Mahesh Dadoda 01/17/2023

Quant Time: Jan 17 03:30:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:09:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	323517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	525216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	438856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	174896	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	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	3207	0.988	ug/l	95
3) Chloromethane	2.377	50	3682	1.063	ug/l #	79
4) Vinyl Chloride	2.530	62	4185	0.979	ug/l	97
6) Chloroethane	3.136	64	3579	1.144	ug/l #	85
7) Trichlorofluoromethane	3.518	101	6093	1.052	ug/l	92
8) Diethyl Ether	3.983	74	1848	0.965	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.383	101	3149	0.973	ug/l #	85
12) 1,1-Dichloroethene	4.353	96	3256	1.083	ug/l	91
14) Allyl chloride	5.041	41	3847	1.090	ug/l	91
15) Acrylonitrile	5.753	53	6882	4.940	ug/l	97
16) Acetone	4.453	43	8709	7.272	ug/l	93
17) Carbon Disulfide	4.718	76	8734	1.154	ug/l #	94
18) Methyl Acetate	5.053	43	4297	1.099	ug/l #	70
19) Methyl tert-butyl Ether	5.812	73	9935	0.992	ug/l	95
20) Methylene Chloride	5.294	84	7401m	2.053	ug/l	
21) trans-1,2-Dichloroethene	5.794	96	3709	1.115	ug/l	92
22) Diisopropyl ether	6.688	45	7892	0.918	ug/l	98
23) Vinyl Acetate	6.612	43	24209	4.436	ug/l #	86
24) 1,1-Dichloroethane	6.588	63	5446	0.944	ug/l #	81
25) 2-Butanone	7.500	43	9369	5.374	ug/l #	84
26) 2,2-Dichloropropane	7.512	77	4390m	0.892	ug/l	
27) cis-1,2-Dichloroethene	7.488	96	3974	1.014	ug/l	97
28) Bromochloromethane	7.818	49	2213	0.951	ug/l #	98
29) Tetrahydrofuran	7.853	42	4837	4.417	ug/l	93
30) Chloroform	7.977	83	6556	1.022	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	5670	0.992	ug/l #	42
36) 1,1-Dichloropropene	8.377	75	4702	1.009	ug/l	96
37) Ethyl Acetate	7.571	43	5970	1.615	ug/l #	85
38) Carbon Tetrachloride	8.365	117	5206	1.003	ug/l #	82
39) Methylcyclohexane	9.606	83	4976	0.883	ug/l	90
40) Benzene	8.612	78	13870	1.000	ug/l	98
41) Methacrylonitrile	7.794	41	1921	1.009	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	4952	1.039	ug/l	81
43) Isopropyl Acetate	8.694	43	5924	0.739	ug/l	94
44) Trichloroethene	9.359	130	4194	1.077	ug/l	90
45) 1,2-Dichloropropane	9.624	63	3308	0.994	ug/l	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	2563	1.027	ug/l	99
47) Bromodichloromethane	9.882	83	4946	1.024	ug/l #	82
48) Methyl methacrylate	9.688	41	3038	1.099	ug/l	84
49) 1,4-Dioxane	9.694	88	1094	18.298	ug/l #	68
51) 4-Methyl-2-Pentanone	10.447	43	16305	4.592	ug/l	99
52) Toluene	10.629	92	9278	1.013	ug/l	93
53) t-1,3-Dichloropropene	10.835	75	4058	0.881	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	5152	0.983	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	3677	1.056	ug/l #	82
56) Ethyl methacrylate	10.876	69	4002	0.880	ug/l	93
57) 1,3-Dichloropropane	11.159	76	5990	1.066	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	7188	4.708	ug/l	95
59) 2-Hexanone	11.200	43	11990	4.695	ug/l	99
60) Dibromochloromethane	11.359	129	3255	0.855	ug/l	98
61) 1,2-Dibromoethane	11.476	107	3300	0.936	ug/l	100
64) Tetrachloroethene	11.106	164	4749	1.225	ug/l	82
65) Chlorobenzene	11.894	112	10056	1.094	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	3526	1.031	ug/l #	61
67) Ethyl Benzene	11.970	91	15017	0.950	ug/l	93
68) m/p-Xylenes	12.076	106	12457	1.996	ug/l	98
69) o-Xylene	12.400	106	6131	1.002	ug/l	98
70) Styrene	12.406	104	9624	0.994	ug/l	96
71) Bromoform	12.582	173	2396	0.967	ug/l #	88
73) Isopropylbenzene	12.700	105	13268	0.994	ug/l	94
74) N-amyl acetate	12.500	43	4038	1.073	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	4580	1.168	ug/l #	96
76) 1,2,3-Trichloropropane	12.994	75	4328m	1.203	ug/l	
77) Bromobenzene	12.988	156	4512	1.355	ug/l	95
78) n-propylbenzene	13.035	91	15875	1.076	ug/l	94
79) 2-Chlorotoluene	13.129	91	10204	1.111	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	10518	0.937	ug/l	94
82) 4-Chlorotoluene	13.129	91	10204	1.111	ug/l	94
83) tert-Butylbenzene	13.441	119	9859	0.984	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	10961	1.000	ug/l	92
85) sec-Butylbenzene	13.617	105	13639	0.999	ug/l	96
86) p-Isopropyltoluene	13.729	119	10569	0.949	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	8142	1.334	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	8533m	1.409	ug/l	
89) n-Butylbenzene	14.059	91	9144	1.037	ug/l	100
90) Hexachloroethane	14.329	117	1971	1.005	ug/l	100
91) 1,2-Dichlorobenzene	14.111	146	7781	1.265	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	712	1.090	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	4483	1.700	ug/l	91
94) Hexachlorobutadiene	15.500	225	2031	1.265	ug/l	82
95) Naphthalene	15.647	128	14442	1.969	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	3921	1.525	ug/l	91

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

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