

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030722\
 Data File : VN071174.D
 Acq On : 07 Mar 2022 14:29
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Mar 08 01:18:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 01:13:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/08/2022
 Supervised By : Mahesh Dadoda 03/08/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	593714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	995379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	852535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	262223	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	2.069	85	6725	1.090	ug/l	99
3) Chloromethane	2.304	50	12864	1.618	ug/l	91
4) Vinyl Chloride	2.446	62	8445	1.086	ug/l	90
6) Chloroethane	3.016	64	4834	0.944	ug/l #	81
7) Trichlorofluoromethane	3.381	101	11473	1.170	ug/l	97
8) Diethyl Ether	3.828	74	4458	1.046	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.210	101	6490	1.089	ug/l	88
12) 1,1-Dichloroethene	4.175	96	6046	1.037	ug/l #	79
14) Allyl chloride	4.845	41	13150	1.157	ug/l #	82
15) Acrylonitrile	5.563	53	24226	6.375	ug/l	99
16) Acetone	4.292	43	22399	5.969	ug/l	94
17) Carbon Disulfide	4.528	76	18358	1.100	ug/l #	89
18) Methyl Acetate	4.863	43	15418	1.641	ug/l	94
19) Methyl tert-butyl Ether	5.616	73	22236	1.081	ug/l #	88
20) Methylene Chloride	5.092	84	9944	1.446	ug/l	93
21) trans-1,2-Dichloroethene	5.592	96	6697	1.071	ug/l #	82
22) Diisopropyl ether	6.498	45	25189	1.156	ug/l	94
23) Vinyl Acetate	6.434	43	97124	5.239	ug/l #	93
24) 1,1-Dichloroethane	6.386	63	13608	1.124	ug/l #	96
25) 2-Butanone	7.339	43	31534	6.122	ug/l	92
26) 2,2-Dichloropropane	7.322	77	10303	1.038	ug/l	97
27) cis-1,2-Dichloroethene	7.328	96	7886	1.093	ug/l	78
28) Bromochloromethane	7.657	49	5580	1.122	ug/l #	80
29) Tetrahydrofuran	7.692	42	22653	6.668	ug/l	87
30) Chloroform	7.816	83	13727	1.159	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	10973	1.077	ug/l #	51
36) 1,1-Dichloropropene	8.222	75	10388	1.073	ug/l	94
37) Ethyl Acetate	7.410	43	15555	1.434	ug/l #	93
38) Carbon Tetrachloride	8.198	117	9943	1.044	ug/l	86
39) Methylcyclohexane	9.451	83	10438	0.847	ug/l	91
40) Benzene	8.463	78	30492	1.060	ug/l	99
41) Methacrylonitrile	7.645	41	6274	1.127	ug/l #	85
42) 1,2-Dichloroethane	8.533	62	10183	1.032	ug/l	98
43) Isopropyl Acetate	8.557	43	23156	1.378	ug/l #	89
44) Trichloroethene	9.216	130	6681	0.894	ug/l	81
45) 1,2-Dichloropropane	9.486	63	7977	1.074	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.580	93	4827	0.998	ug/l #	85
47) Bromodichloromethane	9.757	83	9921	1.013	ug/l #	98
48) Methyl methacrylate	9.557	41	9144	1.142	ug/l #	81
49) 1,4-Dioxane	9.575	88	2843	20.013	ug/l #	70
51) 4-Methyl-2-Pentanone	10.327	43	58828	5.665	ug/l	98
52) Toluene	10.504	92	17191	0.953	ug/l	91
53) t-1,3-Dichloropropene	10.721	75	9715	0.912	ug/l	89
54) cis-1,3-Dichloropropene	10.186	75	11069	0.947	ug/l	94
55) 1,1,2-Trichloroethane	10.904	97	7888	1.116	ug/l #	73
56) Ethyl methacrylate	10.763	69	10169	0.944	ug/l	93
57) 1,3-Dichloropropane	11.045	76	12882	1.050	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.045	63	6086	3.336	ug/l	90
59) 2-Hexanone	11.086	43	38337	5.366	ug/l	96
60) Dibromochloromethane	11.233	129	6149	0.829	ug/l	95
61) 1,2-Dibromoethane	11.345	107	7413	1.030	ug/l	94
64) Tetrachloroethene	10.969	164	6397	0.983	ug/l	94
65) Chlorobenzene	11.768	112	18972	1.039	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	7195	1.080	ug/l #	62
67) Ethyl Benzene	11.839	91	29663	0.925	ug/l	99
68) m/p-Xylenes	11.951	106	19931	1.622	ug/l	89
69) o-Xylene	12.274	106	10313	0.855	ug/l	88
70) Styrene	12.298	104	15123	0.793	ug/l	97
71) Bromoform	12.457	173	4392	0.831	ug/l #	99
73) Isopropylbenzene	12.574	105	24191	1.120	ug/l	100
74) N-amyl acetate	12.392	43	10995	1.551	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	10885	1.564	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	8459m	1.375	ug/l	
77) Bromobenzene	12.863	156	6478	1.237	ug/l	83
78) n-propylbenzene	12.921	91	26075	1.080	ug/l	94
79) 2-Chlorotoluene	13.010	91	18276	1.241	ug/l	89
80) 1,3,5-Trimethylbenzene	13.057	105	17614	1.011	ug/l	97
82) 4-Chlorotoluene	13.104	91	15032	1.063	ug/l	99
83) tert-Butylbenzene	13.321	119	16062	0.979	ug/l	92
84) 1,2,4-Trimethylbenzene	13.368	105	16149	0.944	ug/l	98
85) sec-Butylbenzene	13.498	105	20565	0.949	ug/l	97
86) p-Isopropyltoluene	13.610	119	15535	0.881	ug/l	95
87) 1,3-Dichlorobenzene	13.621	146	11005	1.206	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	11565m	1.296	ug/l	
89) n-Butylbenzene	13.945	91	14010	0.984	ug/l	95
90) Hexachloroethane	14.204	117	3636	1.140	ug/l	83
91) 1,2-Dichlorobenzene	13.992	146	10418	1.210	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.598	75	1796	1.594	ug/l	72
93) 1,2,4-Trichlorobenzene	15.262	180	5245	1.260	ug/l	95
94) Hexachlorobutadiene	15.368	225	3075	1.010	ug/l	98
95) Naphthalene	15.509	128	15137	1.708	ug/l	98
96) 1,2,3-Trichlorobenzene	15.698	180	5121	1.346	ug/l	96

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

