

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072582.D
 Acq On : 24 May 2022 12:30
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 05/25/2022

Supervised By :Mahesh
 Dadoda
 05/25/2022

Quant Time: May 25 09:02:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 24 18:44:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	143972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	224966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	200260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	71823	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	2.063	85	1504	1.109	ug/l	92
3) Chloromethane	2.299	50	2925	1.139	ug/l	96
4) Vinyl Chloride	2.434	62	1445	1.078	ug/l	99
6) Chloroethane	2.993	64	1839	0.882	ug/l #	84
7) Trichlorofluoromethane	3.363	101	2110	0.931	ug/l	89
8) Diethyl Ether	3.810	74	311	0.346	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	4.210	101	1480	1.080	ug/l #	84
12) 1,1-Dichloroethene	4.175	96	1309	1.032	ug/l #	63
14) Allyl chloride	4.828	41	2491	1.055	ug/l #	86
15) Acrylonitrile	5.545	53	4623	4.714	ug/l	93
16) Acetone	4.281	43	5084	6.316	ug/l	93
17) Carbon Disulfide	4.522	76	3302	1.027	ug/l #	85
18) Methyl Acetate	4.846	43	4423	1.542	ug/l #	83
19) Methyl tert-butyl Ether	5.610	73	4317	0.962	ug/l #	87
20) Methylene Chloride	5.087	84	2312	1.387	ug/l #	84
21) trans-1,2-Dichloroethene	5.593	96	1263	0.920	ug/l #	73
22) Diisopropyl ether	6.487	45	4695	0.936	ug/l #	87
23) Vinyl Acetate	6.428	43	20184m	4.736	ug/l	
24) 1,1-Dichloroethane	6.375	63	2714	1.003	ug/l #	82
25) 2-Butanone	7.340	43	7647	5.630	ug/l	91
26) 2,2-Dichloropropane	7.316	77	2250	1.080	ug/l	79
27) cis-1,2-Dichloroethene	7.322	96	1853	1.070	ug/l	91
28) Bromochloromethane	7.645	49	1070	0.958	ug/l #	88
29) Tetrahydrofuran	7.681	42	3864	4.572	ug/l	89
30) Chloroform	7.816	83	3047	1.071	ug/l	96
32) 1,1,1-Trichloroethane	8.004	97	2469	1.036	ug/l #	50
36) 1,1-Dichloropropene	8.216	75	1977	0.958	ug/l	96
37) Ethyl Acetate	7.404	43	2515	0.933	ug/l #	67
38) Carbon Tetrachloride	8.198	117	2187	1.004	ug/l #	96
39) Methylcyclohexane	9.457	83	2393	0.941	ug/l	94
40) Benzene	8.457	78	6823	1.025	ug/l	100
41) Methacrylonitrile	7.634	41	1391	1.025	ug/l #	60
42) 1,2-Dichloroethane	8.528	62	2046	0.949	ug/l	81
43) Isopropyl Acetate	8.557	43	3624	0.948	ug/l #	84
44) Trichloroethene	9.216	130	1763	1.030	ug/l	77
45) 1,2-Dichloropropane	9.481	63	1750	1.013	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.575	93	1161	1.007	ug/l	95
47) Bromodichloromethane	9.751	83	2245	0.999	ug/l #	93
48) Methyl methacrylate	9.557	41	1717	0.923	ug/l	90
49) 1,4-Dioxane	9.569	88	560	15.775	ug/l #	89
51) 4-Methyl-2-Pentanone	10.328	43	11701	4.470	ug/l	92
52) Toluene	10.498	92	3956	0.938	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	1899	0.827	ug/l	95
54) cis-1,3-Dichloropropene	10.181	75	2371	0.917	ug/l #	83
55) 1,1,2-Trichloroethane	10.898	97	1642	0.939	ug/l	90
56) Ethyl methacrylate	10.757	69	2351	0.873	ug/l	94
57) 1,3-Dichloropropane	11.033	76	2749	0.933	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.033	63	5569	4.832	ug/l	96
59) 2-Hexanone	11.080	43	8123	4.377	ug/l	89
60) Dibromochloromethane	11.227	129	1828	0.977	ug/l	98
61) 1,2-Dibromoethane	11.339	107	1771	0.971	ug/l	99
64) Tetrachloroethene	10.969	164	1405	0.950	ug/l	99
65) Chlorobenzene	11.763	112	4958	1.106	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	1771	1.045	ug/l #	63
67) Ethyl Benzene	11.839	91	7468	0.979	ug/l	91
68) m/p-Xylenes	11.951	106	5169	1.778	ug/l	94
69) o-Xylene	12.274	106	2446	0.870	ug/l	88
70) Styrene	12.286	104	3912	0.860	ug/l	94
71) Bromoform	12.457	173	1317	0.946	ug/l #	78
73) Isopropylbenzene	12.574	105	6215	0.971	ug/l	96
74) N-amyl acetate	12.380	43	1937	0.843	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.822	83	2580	1.142	ug/l	96
76) 1,2,3-Trichloropropane	12.874	75	1942m	0.996	ug/l	
77) Bromobenzene	12.857	156	1555	0.980	ug/l	91
78) n-propylbenzene	12.916	91	6565	0.925	ug/l	99
79) 2-Chlorotoluene	12.998	91	4529	1.033	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	4437	0.892	ug/l	99
82) 4-Chlorotoluene	13.104	91	3607	0.900	ug/l	94
83) tert-Butylbenzene	13.316	119	4318	0.932	ug/l	91
84) 1,2,4-Trimethylbenzene	13.363	105	4354	0.892	ug/l	88
85) sec-Butylbenzene	13.498	105	5209	0.841	ug/l	94
86) p-Isopropyltoluene	13.610	119	3989	0.816	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	2756	1.029	ug/l	96
88) 1,4-Dichlorobenzene	13.686	146	2780m	1.058	ug/l	
89) n-Butylbenzene	13.939	91	3811	0.967	ug/l	93
90) Hexachloroethane	14.204	117	976	1.010	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	2519	0.982	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.592	75	378	0.981	ug/l #	21
93) 1,2,4-Trichlorobenzene	15.263	180	1079	0.798	ug/l #	89
94) Hexachlorobutadiene	15.363	225	836	1.048	ug/l	96
95) Naphthalene	15.498	128	3834	0.858	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.686	180	1297	0.896	ug/l	94

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

Manual Integrations

Supervised By :Mañesh
Dadoda
05/25/2022

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