

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071647.D
 Acq On : 30 Mar 2022 09:54
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Mar 30 12:06:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 12:03:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	582958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	915111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	780504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	267424	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	4406	0.786	ug/l	95
3) Chloromethane	2.299	50	7146	1.077	ug/l	91
4) Vinyl Chloride	2.446	62	6807	0.923	ug/l #	80
6) Chloroethane	3.028	64	4983	0.934	ug/l	97
7) Trichlorofluoromethane	3.387	101	8949	1.012	ug/l #	81
8) Diethyl Ether	3.828	74	3294	0.894	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.216	101	5737	1.068	ug/l #	53
12) 1,1-Dichloroethene	4.181	96	4919	0.949	ug/l	96
14) Allyl chloride	4.846	41	8009	0.962	ug/l #	83
15) Acrylonitrile	5.551	53	14910	4.339	ug/l	96
16) Acetone	4.293	43	17704	6.145	ug/l #	88
17) Carbon Disulfide	4.534	76	13323	1.039	ug/l	97
18) Methyl Acetate	4.846	43	12185	1.367	ug/l	92
19) Methyl tert-butyl Ether	5.610	73	17092	0.896	ug/l	92
20) Methylene Chloride	5.093	84	6880	1.087	ug/l #	92
21) trans-1,2-Dichloroethene	5.593	96	5807	1.042	ug/l	96
22) Diisopropyl ether	6.487	45	16823	0.944	ug/l	93
23) Vinyl Acetate	6.434	43	57435	3.825	ug/l	96
24) 1,1-Dichloroethane	6.375	63	10102	0.954	ug/l #	82
25) 2-Butanone	7.334	43	20664	4.636	ug/l	94
26) 2,2-Dichloropropane	7.334	77	8759	0.962	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	6615	0.964	ug/l	98
28) Bromochloromethane	7.651	49	4195	1.000	ug/l #	89
29) Tetrahydrofuran	7.681	42	12223	4.216	ug/l	97
30) Chloroform	7.804	83	11322	1.041	ug/l	99
32) 1,1,1-Trichloroethane	8.004	97	9435	1.002	ug/l #	51
36) 1,1-Dichloropropene	8.222	75	8089	1.006	ug/l	93
37) Ethyl Acetate	7.398	43	8118	0.917	ug/l	98
38) Carbon Tetrachloride	8.204	117	7604	0.956	ug/l	93
39) Methylcyclohexane	9.451	83	8641	0.871	ug/l	86
40) Benzene	8.457	78	25174	1.019	ug/l	94
41) Methacrylonitrile	7.628	41	3739	0.872	ug/l #	77
42) 1,2-Dichloroethane	8.528	62	8490	0.995	ug/l	95
43) Isopropyl Acetate	8.551	43	16459	1.057	ug/l #	89
44) Trichloroethene	9.216	130	5994	0.921	ug/l	97
45) 1,2-Dichloropropane	9.481	63	6173	1.012	ug/l #	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.575	93	4174	1.001	ug/l	96
47) Bromodichloromethane	9.757	83	7705	0.937	ug/l	98
48) Methyl methacrylate	9.557	41	5122	0.816	ug/l	95
49) 1,4-Dioxane	9.563	88	2427	17.336	ug/l #	82
51) 4-Methyl-2-Pentanone	10.328	43	32982	3.818	ug/l	98
52) Toluene	10.498	92	14584	0.916	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	7463	0.835	ug/l	91
54) cis-1,3-Dichloropropene	10.181	75	8157	0.839	ug/l	97
55) 1,1,2-Trichloroethane	10.886	97	6314	0.982	ug/l	89
56) Ethyl methacrylate	10.751	69	7294	0.762	ug/l	95
57) 1,3-Dichloropropane	11.039	76	10626	0.992	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	6213	2.547	ug/l	94
59) 2-Hexanone	11.080	43	22916	3.713	ug/l	97
60) Dibromochloromethane	11.239	129	5319	0.828	ug/l	97
61) 1,2-Dibromoethane	11.339	107	5889	0.908	ug/l	98
64) Tetrachloroethene	10.969	164	5814	1.082	ug/l #	79
65) Chlorobenzene	11.763	112	16639	1.024	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.833	131	5682	0.975	ug/l #	63
67) Ethyl Benzene	11.839	91	24946	0.890	ug/l	95
68) m/p-Xylenes	11.951	106	18248	1.711	ug/l	95
69) o-Xylene	12.275	106	8829	0.824	ug/l	96
70) Styrene	12.292	104	12468	0.763	ug/l	98
71) Bromoform	12.451	173	3843	0.835	ug/l #	98
73) Isopropylbenzene	12.575	105	22320	0.953	ug/l	97
74) N-amyl acetate	12.380	43	5702	0.801	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.822	83	8399	1.072	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	7098m	1.107	ug/l	
77) Bromobenzene	12.857	156	6720	1.140	ug/l	82
78) n-propylbenzene	12.916	91	22155	0.877	ug/l	97
79) 2-Chlorotoluene	12.998	91	15602	0.986	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	16168	0.874	ug/l	99
82) 4-Chlorotoluene	13.098	91	14081	0.954	ug/l	98
83) tert-Butylbenzene	13.316	119	15029	0.885	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	15646	0.862	ug/l	92
85) sec-Butylbenzene	13.492	105	18475	0.825	ug/l	98
86) p-Isopropyltoluene	13.610	119	13871	0.778	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	9228	0.971	ug/l	95
88) 1,4-Dichlorobenzene	13.686	146	9506m	1.007	ug/l	
89) n-Butylbenzene	13.939	91	11180	0.830	ug/l	96
90) Hexachloroethane	14.204	117	2715	0.812	ug/l	86
91) 1,2-Dichlorobenzene	13.980	146	9773	1.052	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.598	75	1115	0.826	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	2459	0.598	ug/l	79
94) Hexachlorobutadiene	15.363	225	2927	1.127	ug/l	94
95) Naphthalene	15.498	128	4974	0.445	ug/l	98
96) 1,2,3-Trichlorobenzene	15.692	180	2151	0.524	ug/l	95

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

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