

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051022\
 Data File : VN072388.D
 Acq On : 10 May 2022 13:06
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: May 10 15:29:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:27:58 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/11/2022
 Supervised By : Mahesh Dadoda 05/11/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	244481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	414073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	351871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	117082	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	3304	1.077	ug/l	98
3) Chloromethane	2.304	50	4281	1.154	ug/l #	88
4) Vinyl Chloride	2.440	62	2654	0.965	ug/l	97
6) Chloroethane	3.010	64	2404	1.366	ug/l	95
7) Trichlorofluoromethane	3.375	101	4567	0.941	ug/l #	73
8) Diethyl Ether	3.822	74	1604m	0.922	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.204	101	2682m	1.053	ug/l	
12) 1,1-Dichloroethene	4.181	96	2389	1.016	ug/l #	68
14) Allyl chloride	4.845	41	4498	0.935	ug/l #	89
15) Acrylonitrile	5.551	53	7711	4.223	ug/l	92
16) Acetone	4.298	43	8033	5.031	ug/l	94
17) Carbon Disulfide	4.534	76	6400	1.047	ug/l #	89
18) Methyl Acetate	4.869	43	4503	0.892	ug/l	98
19) Methyl tert-butyl Ether	5.622	73	8492m	0.930	ug/l	
20) Methylene Chloride	5.092	84	3433	1.109	ug/l #	88
21) trans-1,2-Dichloroethene	5.598	96	2470	0.954	ug/l	85
22) Diisopropyl ether	6.492	45	9144	0.924	ug/l #	93
23) Vinyl Acetate	6.439	43	34979	4.212	ug/l #	93
24) 1,1-Dichloroethane	6.386	63	5227	0.942	ug/l #	82
25) 2-Butanone	7.333	43	12870	5.075	ug/l	91
26) 2,2-Dichloropropane	7.310	77	4644	1.064	ug/l #	53
27) cis-1,2-Dichloroethene	7.322	96	3113	0.990	ug/l	69
28) Bromochloromethane	7.657	49	2191	0.898	ug/l #	87
29) Tetrahydrofuran	7.686	42	7146	4.291	ug/l #	88
30) Chloroform	7.822	83	5066	0.903	ug/l	89
32) 1,1,1-Trichloroethane	8.010	97	4841	1.008	ug/l #	48
36) 1,1-Dichloropropene	8.210	75	4013	1.028	ug/l #	89
37) Ethyl Acetate	7.422	43	4092	0.804	ug/l #	95
38) Carbon Tetrachloride	8.204	117	4382	1.038	ug/l #	82
39) Methylcyclohexane	9.463	83	3889	0.888	ug/l #	88
40) Benzene	8.457	78	11141	0.927	ug/l	93
41) Methacrylonitrile	7.628	41	2019m	0.796	ug/l	
42) 1,2-Dichloroethane	8.528	62	4698	1.017	ug/l	85
43) Isopropyl Acetate	8.551	43	6855	0.820	ug/l #	94
44) Trichloroethene	9.210	130	2893	1.020	ug/l	90
45) 1,2-Dichloropropane	9.486	63	2587	0.801	ug/l #	85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.580	93	1984	0.968	ug/l	94
47) Bromodichloromethane	9.757	83	3926	0.919	ug/l	87
48) Methyl methacrylate	9.557	41	3030	0.894	ug/l #	84
49) 1,4-Dioxane	9.569	88	1003	17.040	ug/l #	73
51) 4-Methyl-2-Pentanone	10.327	43	18169	3.792	ug/l	92
52) Toluene	10.504	92	6318	0.877	ug/l	95
53) t-1,3-Dichloropropene	10.710	75	3805	0.884	ug/l #	81
54) cis-1,3-Dichloropropene	10.186	75	3856	0.830	ug/l	96
55) 1,1,2-Trichloroethane	10.886	97	2905	0.965	ug/l	91
56) Ethyl methacrylate	10.757	69	3277	0.738	ug/l	99
57) 1,3-Dichloropropane	11.033	76	4804	0.910	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.033	63	2514	2.446	ug/l	98
59) 2-Hexanone	11.086	43	12857	3.811	ug/l	89
60) Dibromochloromethane	11.233	129	2826	0.909	ug/l	92
61) 1,2-Dibromoethane	11.345	107	2667	0.894	ug/l	95
64) Tetrachloroethene	10.974	164	2658	1.218	ug/l #	80
65) Chlorobenzene	11.763	112	7100	0.993	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.827	131	3041	1.127	ug/l #	62
67) Ethyl Benzene	11.839	91	10639	0.858	ug/l	98
68) m/p-Xylenes	11.951	106	7811	1.686	ug/l	96
69) o-Xylene	12.280	106	3684	0.821	ug/l	91
70) Styrene	12.286	104	5364	0.760	ug/l	95
71) Bromoform	12.457	173	1944	0.962	ug/l #	97
73) Isopropylbenzene	12.574	105	8605	0.837	ug/l	100
74) N-amyl acetate	12.386	43	3244	0.855	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.827	83	4241	1.069	ug/l	89
76) 1,2,3-Trichloropropane	12.874	75	3122m	0.916	ug/l	
77) Bromobenzene	12.857	156	2360	0.962	ug/l	83
78) n-propylbenzene	12.915	91	9312	0.824	ug/l	92
79) 2-Chlorotoluene	13.004	91	6341	0.854	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	6413	0.747	ug/l	94
82) 4-Chlorotoluene	13.098	91	6227	0.902	ug/l	98
83) tert-Butylbenzene	13.321	119	5667	0.753	ug/l	92
84) 1,2,4-Trimethylbenzene	13.363	105	6472	0.783	ug/l	98
85) sec-Butylbenzene	13.498	105	7758	0.790	ug/l	97
86) p-Isopropyltoluene	13.610	119	5306	0.693	ug/l	93
87) 1,3-Dichlorobenzene	13.610	146	3922	0.987	ug/l	92
88) 1,4-Dichlorobenzene	13.692	146	4324m	1.118	ug/l	
89) n-Butylbenzene	13.939	91	4685	0.803	ug/l	96
90) Hexachloroethane	14.204	117	1520	0.918	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	4226	1.073	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.604	75	457	0.646	ug/l	87
93) 1,2,4-Trichlorobenzene	15.262	180	1389	0.902	ug/l	81
94) Hexachlorobutadiene	15.368	225	1111	1.059	ug/l	78
95) Naphthalene	15.504	128	3980	0.911	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.704	180	1403	0.936	ug/l	95

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

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