

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081846.D
 Acq On : 25 Apr 2024 12:54
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Apr 26 05:15:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:15:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	225169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	425113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	356492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144004	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	64 - 133	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	3592	1.136	ug/l	100
3) Chloromethane	2.354	50	4015	1.218	ug/l #	81
4) Vinyl Chloride	2.512	62	2771	0.928	ug/l #	77
6) Chloroethane	3.124	64	1824	1.209	ug/l #	79
7) Trichlorofluoromethane	3.501	101	4781	1.035	ug/l	89
8) Diethyl Ether	3.959	74	1747m	0.891	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.359	101	2545m	0.949	ug/l	
12) 1,1-Dichloroethene	4.336	96	2404	0.881	ug/l #	82
14) Allyl chloride	5.042	41	7050	1.222	ug/l #	37
15) Acrylonitrile	5.724	53	9204	5.548	ug/l #	71
16) Acetone	4.436	43	8803m	6.968	ug/l	
17) Carbon Disulfide	4.712	76	9553	1.165	ug/l #	82
18) Methyl Acetate	5.042	43	3857	1.002	ug/l #	68
19) Methyl tert-butyl Ether	5.806	73	10139m	0.985	ug/l	
20) Methylene Chloride	5.283	84	3786	1.162	ug/l #	77
21) trans-1,2-Dichloroethene	5.789	96	3375	1.135	ug/l #	82
22) Diisopropyl ether	6.677	45	11285	1.011	ug/l #	94
23) Vinyl Acetate	6.612	43	45398m	5.005	ug/l	
24) 1,1-Dichloroethane	6.559	63	5590	0.962	ug/l #	83
25) 2-Butanone	7.489	43	11908	5.521	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	5353m	1.002	ug/l	
27) cis-1,2-Dichloroethene	7.489	96	3557	1.024	ug/l	71
28) Bromochloromethane	7.824	49	2859	1.035	ug/l #	58
29) Tetrahydrofuran	7.847	42	9299	6.012	ug/l #	87
30) Chloroform	7.965	83	6192	1.075	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	5166	1.006	ug/l #	45
36) 1,1-Dichloropropene	8.371	75	4276	1.027	ug/l #	84
37) Ethyl Acetate	7.565	43	3935	0.874	ug/l #	80
38) Carbon Tetrachloride	8.359	117	3758	0.923	ug/l #	60
39) Methylcyclohexane	9.600	83	5218	1.032	ug/l	95
40) Benzene	8.612	78	11753	0.940	ug/l	97
41) Methacrylonitrile	7.777	41	3410m	1.187	ug/l	
42) 1,2-Dichloroethane	8.671	62	4858	1.047	ug/l	94
43) Isopropyl Acetate	8.688	43	9234	1.091	ug/l #	95
44) Trichloroethene	9.341	130	2854	0.990	ug/l	63
45) 1,2-Dichloropropane	9.630	63	3498	1.069	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.706	93	2846	1.259	ug/l #	75
47) Bromodichloromethane	9.894	83	5054	1.060	ug/l #	77
48) Methyl methacrylate	9.677	41	4332	1.072	ug/l	91
49) 1,4-Dioxane	9.700	88	1219	19.846	ug/l #	50
51) 4-Methyl-2-Pentanone	10.441	43	24875	5.220	ug/l	90
52) Toluene	10.635	92	7367	0.984	ug/l	99
53) t-1,3-Dichloropropene	10.847	75	4805	0.926	ug/l #	72
54) cis-1,3-Dichloropropene	10.318	75	4835	0.904	ug/l #	72
55) 1,1,2-Trichloroethane	11.012	97	3462	1.176	ug/l #	65
56) Ethyl methacrylate	10.871	69	5914	1.055	ug/l #	66
57) 1,3-Dichloropropane	11.165	76	5151	0.984	ug/l #	86
58) 2-Chloroethyl Vinyl ether	10.165	63	13004	5.092	ug/l #	88
59) 2-Hexanone	11.194	43	16897	4.764	ug/l	93
60) Dibromochloromethane	11.353	129	2810	0.901	ug/l	97
61) 1,2-Dibromoethane	11.471	107	2697	0.958	ug/l	93
64) Tetrachloroethene	11.106	164	2373	0.917	ug/l #	84
65) Chlorobenzene	11.888	112	8139	1.045	ug/l #	79
66) 1,1,1,2-Tetrachloroethane	11.965	131	2202	0.870	ug/l #	65
67) Ethyl Benzene	11.965	91	14430	0.997	ug/l	96
68) m/p-Xylenes	12.071	106	10160	1.967	ug/l	91
69) o-Xylene	12.400	106	4638	0.920	ug/l	76
70) Styrene	12.406	104	8727	1.001	ug/l	97
71) Bromoform	12.582	173	2209	1.111	ug/l #	68
73) Isopropylbenzene	12.700	105	12358	0.965	ug/l	99
74) N-amyl acetate	12.488	43	7407	1.039	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	4549	1.183	ug/l #	96
76) 1,2,3-Trichloropropane	12.994	75	4388m	1.173	ug/l	
77) Bromobenzene	12.982	156	2773	1.035	ug/l	78
78) n-propylbenzene	13.035	91	15009	0.965	ug/l	97
79) 2-Chlorotoluene	13.123	91	10651	1.076	ug/l	86
80) 1,3,5-Trimethylbenzene	13.176	105	10791	0.996	ug/l	93
82) 4-Chlorotoluene	13.223	91	9036	0.941	ug/l	93
83) tert-Butylbenzene	13.441	119	8706	0.965	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	10566	0.977	ug/l	99
85) sec-Butylbenzene	13.618	105	12453	0.980	ug/l	98
86) p-Isopropyltoluene	13.735	119	9712	0.952	ug/l #	84
87) 1,3-Dichlorobenzene	13.735	146	5297	1.060	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	4471m	0.908	ug/l	
89) n-Butylbenzene	14.059	91	8666	0.912	ug/l	97
90) Hexachloroethane	14.329	117	1717	0.855	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	4724	0.986	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1042	1.113	ug/l #	60
93) 1,2,4-Trichlorobenzene	15.394	180	2574	0.960	ug/l	97
94) Hexachlorobutadiene	15.488	225	721	0.730	ug/l #	43
95) Naphthalene	15.635	128	9399	0.928	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.847	180	2318	0.900	ug/l	83

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

