

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031824\
 Data File : VN081457.D
 Acq On : 18 Mar 2024 18:02
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/19/2024
 Supervised By : Mahesh Dadoda 03/19/2024

Quant Time: Mar 19 05:46:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 05:35:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	396583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	688386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	609294	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	245978	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	6168	1.155	ug/l	93
3) Chloromethane	2.365	50	6139	1.155	ug/l	93
4) Vinyl Chloride	2.512	62	6562	1.100	ug/l	90
6) Chloroethane	3.130	64	4799	1.171	ug/l	100
7) Trichlorofluoromethane	3.501	101	8987	1.011	ug/l	# 83
8) Diethyl Ether	3.959	74	2887	0.981	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.389	101	5429m	1.074	ug/l	
12) 1,1-Dichloroethene	4.342	96	5267	1.125	ug/l	83
14) Allyl chloride	5.012	41	5987	1.021	ug/l	# 93
15) Acrylonitrile	5.730	53	12464m	5.286	ug/l	
16) Acetone	4.430	43	10048	6.148	ug/l	# 87
17) Carbon Disulfide	4.712	76	15489	1.153	ug/l	# 91
18) Methyl Acetate	5.024	43	5577m	1.107	ug/l	
19) Methyl tert-butyl Ether	5.795	73	13873	0.947	ug/l	# 80
20) Methylene Chloride	5.277	84	5870	1.096	ug/l	# 78
21) trans-1,2-Dichloroethene	5.795	96	6024	1.154	ug/l	# 57
22) Diisopropyl ether	6.665	45	12121	0.889	ug/l	# 77
23) Vinyl Acetate	6.600	43	45398	4.185	ug/l	100
24) 1,1-Dichloroethane	6.571	63	10107	1.107	ug/l	# 94
25) 2-Butanone	7.489	43	14625	5.217	ug/l	# 54
26) 2,2-Dichloropropane	7.494	77	7419	0.937	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	6423	1.088	ug/l	86
28) Bromochloromethane	7.824	49	4283	1.152	ug/l	# 44
29) Tetrahydrofuran	7.841	42	9373	4.963	ug/l	# 80
30) Chloroform	7.977	83	9992	1.023	ug/l	# 83
32) 1,1,1-Trichloroethane	8.165	97	9283	1.047	ug/l	# 46
36) 1,1-Dichloropropene	8.371	75	7109	0.972	ug/l	90
37) Ethyl Acetate	7.565	43	6324	1.010	ug/l	# 94
38) Carbon Tetrachloride	8.359	117	8353	1.043	ug/l	99
39) Methylcyclohexane	9.594	83	6799	0.833	ug/l	92
40) Benzene	8.612	78	21171	0.990	ug/l	91
41) Methacrylonitrile	7.789	41	3263	0.986	ug/l	# 84
42) 1,2-Dichloroethane	8.677	62	7589	1.009	ug/l	98
43) Isopropyl Acetate	8.688	43	9911	0.955	ug/l	# 89
44) Trichloroethene	9.347	130	6408	1.066	ug/l	53
45) 1,2-Dichloropropane	9.618	63	4800	0.927	ug/l	# 79

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	4008	1.019	ug/l	89
47) Bromodichloromethane	9.894	83	7347	0.955	ug/l #	80
48) Methyl methacrylate	9.677	41	4251	0.888	ug/l #	89
49) 1,4-Dioxane	9.688	88	1980m	17.213	ug/l	
51) 4-Methyl-2-Pentanone	10.447	43	29233	4.617	ug/l	99
52) Toluene	10.630	92	12651	0.931	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	8295	0.999	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	8238	0.925	ug/l #	88
55) 1,1,2-Trichloroethane	11.012	97	5220	0.955	ug/l #	77
56) Ethyl methacrylate	10.877	69	5668m	1.331	ug/l	
57) 1,3-Dichloropropane	11.165	76	8308	0.927	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	16882	4.907	ug/l #	81
59) 2-Hexanone	11.200	43	19881	4.247	ug/l	93
60) Dibromochloromethane	11.359	129	6123	1.018	ug/l	82
61) 1,2-Dibromoethane	11.477	107	5308	0.952	ug/l	89
64) Tetrachloroethene	11.112	164	6067	1.042	ug/l #	73
65) Chlorobenzene	11.900	112	14353	0.996	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.959	131	5073	0.950	ug/l #	61
67) Ethyl Benzene	11.971	91	22176	0.886	ug/l	97
68) m/p-Xylenes	12.077	106	15670	1.671	ug/l	94
69) o-Xylene	12.394	106	7941	0.862	ug/l	89
70) Styrene	12.418	104	12245	0.825	ug/l	95
71) Bromoform	12.582	173	3922	0.978	ug/l #	92
73) Isopropylbenzene	12.700	105	18580	0.886	ug/l	94
74) N-amyl acetate	12.500	43	6769	0.892	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.935	83	6572	1.066	ug/l	89
76) 1,2,3-Trichloropropane	12.994	75	6035m	1.028	ug/l	
77) Bromobenzene	12.976	156	5347	1.032	ug/l	71
78) n-propylbenzene	13.035	91	21742	0.878	ug/l	92
79) 2-Chlorotoluene	13.124	91	14649	0.988	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	13781	0.796	ug/l	97
82) 4-Chlorotoluene	13.224	91	12775	0.874	ug/l	91
83) tert-Butylbenzene	13.441	119	13967	0.935	ug/l	86
84) 1,2,4-Trimethylbenzene	13.488	105	13737	0.789	ug/l	96
85) sec-Butylbenzene	13.618	105	18391	0.861	ug/l	96
86) p-Isopropyltoluene	13.729	119	13775	0.789	ug/l	93
87) 1,3-Dichlorobenzene	13.735	146	9533	1.002	ug/l	90
88) 1,4-Dichlorobenzene	13.812	146	10596	1.075	ug/l	81
89) n-Butylbenzene	14.059	91	12870	0.832	ug/l	93
90) Hexachloroethane	14.329	117	3361	1.017	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	9657	1.054	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.718	75	1347	1.027	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	5495	1.038	ug/l	97
94) Hexachlorobutadiene	15.512	225	2593	1.116	ug/l	92
95) Naphthalene	15.641	128	16600	0.967	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	5550	1.042	ug/l	95

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

Manual Integrations

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