

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075762.D
 Acq On : 14 Dec 2022 10:32
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 14 11:46:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 11:45:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	246259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	420431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	366901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152135	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	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.142	85	1730	0.955	ug/l	94
3) Chloromethane	2.377	50	2512	1.164	ug/l	99
4) Vinyl Chloride	2.530	62	2781	1.049	ug/l	90
7) Trichlorofluoromethane	3.512	101	3761	0.978	ug/l	92
8) Diethyl Ether	3.977	74	1343	0.955	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.389	101	2086	0.924	ug/l #	40
12) 1,1-Dichloroethene	4.359	96	2120	1.005	ug/l #	73
14) Allyl chloride	5.042	41	2206	0.840	ug/l	90
15) Acrylonitrile	5.742	53	5049	5.057	ug/l #	55
16) Acetone	4.459	43	5342	6.037	ug/l #	87
17) Carbon Disulfide	4.718	76	5408	0.969	ug/l #	74
18) Methyl Acetate	5.042	43	3031m	1.066	ug/l	
19) Methyl tert-butyl Ether	5.800	73	6485	0.914	ug/l	98
20) Methylene Chloride	5.294	84	4305	1.632	ug/l #	83
21) trans-1,2-Dichloroethene	5.800	96	2519	1.068	ug/l #	61
22) Diisopropyl ether	6.677	45	5166	0.864	ug/l #	63
23) Vinyl Acetate	6.618	43	18278	4.010	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	4087	1.039	ug/l #	79
25) 2-Butanone	7.500	43	5988	4.629	ug/l	97
26) 2,2-Dichloropropane	7.488	77	3342	0.996	ug/l	88
27) cis-1,2-Dichloroethene	7.494	96	2583	0.902	ug/l	86
28) Bromochloromethane	7.812	49	1902	1.209	ug/l #	94
29) Tetrahydrofuran	7.853	42	3702	4.643	ug/l	93
30) Chloroform	7.971	83	4566	1.048	ug/l #	74
32) 1,1,1-Trichloroethane	8.177	97	3779	0.940	ug/l #	49
36) 1,1-Dichloropropene	8.383	75	3122	0.917	ug/l #	85
37) Ethyl Acetate	7.571	43	2567	0.939	ug/l #	87
38) Carbon Tetrachloride	8.365	117	3477	0.885	ug/l #	87
39) Methylcyclohexane	9.600	83	3106	0.719	ug/l	96
40) Benzene	8.618	78	9961	0.953	ug/l	97
41) Methacrylonitrile	7.794	41	1329	0.948	ug/l #	79
42) 1,2-Dichloroethane	8.677	62	3221	0.921	ug/l	79
43) Isopropyl Acetate	8.694	43	3936	0.862	ug/l #	90
44) Trichloroethene	9.353	130	3033	1.029	ug/l	74
45) 1,2-Dichloropropane	9.618	63	2401	0.966	ug/l #	64
46) Dibromomethane	9.718	93	1893	1.014	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Bromodichloromethane	9.894	83	3609	0.986	ug/l #	78
48) Methyl methacrylate	9.682	41	1607	0.764	ug/l	94
49) 1,4-Dioxane	9.700	88	787	15.397	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	10787	3.832	ug/l	100
52) Toluene	10.629	92	5947	0.861	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	3255	0.901	ug/l #	80
54) cis-1,3-Dichloropropene	10.312	75	3472	0.863	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	2491	0.917	ug/l #	86
56) Ethyl methacrylate	10.876	69	2913	0.791	ug/l #	86
57) 1,3-Dichloropropane	11.171	76	3995	0.910	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	5349	4.922	ug/l	98
59) 2-Hexanone	11.194	43	8382	4.098	ug/l	94
60) Dibromochloromethane	11.359	129	2621	0.877	ug/l	98
61) 1,2-Dibromoethane	11.471	107	2348	0.825	ug/l	89
64) Tetrachloroethene	11.112	164	2537	0.949	ug/l	92
65) Chlorobenzene	11.888	112	7451	0.987	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	2475	0.901	ug/l #	66
67) Ethyl Benzene	11.965	91	10746	0.841	ug/l	100
68) m/p-Xylenes	12.070	106	8283	1.605	ug/l	92
69) o-Xylene	12.394	106	4051	0.809	ug/l	95
70) Styrene	12.412	104	6610	0.823	ug/l	94
71) Bromoform	12.576	173	1635	0.785	ug/l #	89
73) Isopropylbenzene	12.694	105	9374	0.858	ug/l	100
74) N-amyl acetate	12.494	43	2799	0.882	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	3701	1.128	ug/l	94
76) 1,2,3-Trichloropropane	13.000	75	2937m	0.961	ug/l	
77) Bromobenzene	12.982	156	2939	1.070	ug/l	97
78) n-propylbenzene	13.035	91	9839	0.812	ug/l	100
79) 2-Chlorotoluene	13.129	91	7239	0.967	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	7318	0.801	ug/l	95
82) 4-Chlorotoluene	13.129	91	7239	0.967	ug/l	92
83) tert-Butylbenzene	13.441	119	6345	0.766	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	7154	0.779	ug/l	92
85) sec-Butylbenzene	13.617	105	8675	0.762	ug/l	98
86) p-Isopropyltoluene	13.729	119	6882	0.722	ug/l	94
87) 1,3-Dichlorobenzene	13.729	146	4950	0.964	ug/l	95
88) 1,4-Dichlorobenzene	13.817	146	5875m	1.124	ug/l	
89) n-Butylbenzene	14.053	91	6044	0.792	ug/l	96
90) Hexachloroethane	14.341	117	1377	0.844	ug/l	96
91) 1,2-Dichlorobenzene	14.112	146	4495	0.879	ug/l	86
92) 1,2-Dibromo-3-Chloropr...	14.717	75	721	1.337	ug/l	55
93) 1,2,4-Trichlorobenzene	15.400	180	2649	1.079	ug/l	88
94) Hexachlorobutadiene	15.506	225	1190	0.855	ug/l	96
95) Naphthalene	15.647	128	6126	0.845	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	1931	0.801	ug/l	95

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

Manual Integrations

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