

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020723\
 Data File : VN076558.D
 Acq On : 07 Feb 2023 11:43
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Feb 08 08:54:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 08:54:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/08/2023
 Supervised By : Mahesh Dadoda 02/08/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	555529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	955391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	817577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	305551	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	2.136	85	4390	0.761	ug/l	82
3) Chloromethane	2.371	50	5665	1.068	ug/l	94
4) Vinyl Chloride	2.530	62	4790	0.984	ug/l #	86
6) Chloroethane	3.136	64	3520	1.195	ug/l	99
7) Trichlorofluoromethane	3.512	101	10327	1.076	ug/l #	83
8) Diethyl Ether	3.995	74	3510	0.966	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	6246	1.050	ug/l	94
12) 1,1-Dichloroethene	4.353	96	4952	0.891	ug/l	95
14) Allyl chloride	5.042	41	7016	0.970	ug/l	95
15) Acrylonitrile	5.742	53	13395	5.227	ug/l	98
16) Acetone	4.453	43	12092	5.594	ug/l	91
17) Carbon Disulfide	4.724	76	14604	1.015	ug/l	97
18) Methyl Acetate	5.047	43	6704	0.980	ug/l #	80
19) Methyl tert-butyl Ether	5.812	73	18242	0.987	ug/l #	85
20) Methylene Chloride	5.294	84	7503	1.126	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	6287	1.041	ug/l	93
22) Diisopropyl ether	6.689	45	15226	0.929	ug/l #	94
23) Vinyl Acetate	6.624	43	46293	4.498	ug/l	98
24) 1,1-Dichloroethane	6.583	63	10495	0.997	ug/l #	93
25) 2-Butanone	7.500	43	15781	5.079	ug/l	96
26) 2,2-Dichloropropane	7.494	77	8881	1.010	ug/l	95
27) cis-1,2-Dichloroethene	7.506	96	7195	1.019	ug/l	98
28) Bromochloromethane	7.824	49	3851	0.913	ug/l #	97
29) Tetrahydrofuran	7.847	42	9911	4.963	ug/l	93
30) Chloroform	7.977	83	11223	0.982	ug/l	91
32) 1,1,1-Trichloroethane	8.183	97	10046	0.981	ug/l #	45
36) 1,1-Dichloropropene	8.383	75	8654	1.021	ug/l	92
37) Ethyl Acetate	7.571	43	5938	0.920	ug/l #	95
38) Carbon Tetrachloride	8.371	117	8854	0.971	ug/l	96
39) Methylcyclohexane	9.606	83	9199	0.874	ug/l	99
40) Benzene	8.612	78	24582	0.956	ug/l	96
41) Methacrylonitrile	7.794	41	3269	0.909	ug/l #	64
42) 1,2-Dichloroethane	8.677	62	8587	1.026	ug/l	97
43) Isopropyl Acetate	8.694	43	10077	0.953	ug/l	97
44) Trichloroethene	9.359	130	6944	1.012	ug/l	88
45) 1,2-Dichloropropane	9.629	63	5969	0.967	ug/l	98

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Reviewed By : John Carlone 02/08/2023
 Supervised By : Mahesh Dadoda 02/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	4736	1.063	ug/l	87
47) Bromodichloromethane	9.894	83	8493	0.948	ug/l	97
48) Methyl methacrylate	9.688	41	5233	1.007	ug/l	89
49) 1,4-Dioxane	9.694	88	2115	19.017	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	29708	4.676	ug/l	95
52) Toluene	10.629	92	15847	0.955	ug/l	93
53) t-1,3-Dichloropropene	10.841	75	7714	0.891	ug/l	89
54) cis-1,3-Dichloropropene	10.318	75	8996	0.912	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	6675	1.027	ug/l #	88
56) Ethyl methacrylate	10.871	69	7280	0.837	ug/l	92
57) 1,3-Dichloropropane	11.165	76	10179	0.968	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	9605	3.865	ug/l	97
59) 2-Hexanone	11.200	43	20643	4.558	ug/l	93
60) Dibromochloromethane	11.359	129	6535	0.954	ug/l	96
61) 1,2-Dibromoethane	11.476	107	6255	0.973	ug/l	99
64) Tetrachloroethene	11.106	164	7829	1.150	ug/l	93
65) Chlorobenzene	11.894	112	16934	1.002	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	6331	1.011	ug/l #	64
67) Ethyl Benzene	11.965	91	28803	0.959	ug/l	95
68) m/p-Xylenes	12.076	106	21444	1.832	ug/l	97
69) o-Xylene	12.400	106	10144	0.885	ug/l	100
70) Styrene	12.412	104	15158	0.831	ug/l	98
71) Bromoform	12.576	173	3846	0.880	ug/l #	100
73) Isopropylbenzene	12.694	105	25295	1.011	ug/l	98
74) N-amyl acetate	12.500	43	7052	1.011	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	7040	1.026	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	6492m	1.074	ug/l	
77) Bromobenzene	12.982	156	6615	1.136	ug/l	97
78) n-propylbenzene	13.035	91	25657	0.931	ug/l	95
79) 2-Chlorotoluene	13.123	91	18283	1.042	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	18429	0.887	ug/l	99
82) 4-Chlorotoluene	13.123	91	18283	1.042	ug/l	95
83) tert-Butylbenzene	13.441	119	17763	0.955	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	19011	0.920	ug/l	99
85) sec-Butylbenzene	13.617	105	21612	0.862	ug/l	99
86) p-Isopropyltoluene	13.729	119	17192	0.836	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	11593	1.082	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	13090m	1.203	ug/l	
89) n-Butylbenzene	14.059	91	15082	0.927	ug/l	98
90) Hexachloroethane	14.341	117	3591	1.003	ug/l	85
91) 1,2-Dichlorobenzene	14.106	146	11538	1.092	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1339	1.128	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	5726	1.183	ug/l	94
94) Hexachlorobutadiene	15.506	225	2846	1.046	ug/l	92
95) Naphthalene	15.647	128	17793	1.264	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	5683	1.226	ug/l	94

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

Manual Integrations

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