

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076537.D
 Acq On : 06 Feb 2023 12:22
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Feb 07 01:00:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 01:00:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/07/2023
 Supervised By : Mahesh Dadoda 02/07/2023

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	553171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	951720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	797356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	302868	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	4482	0.369	ug/l	92
3) Chloromethane	2.377	50	5490	0.976	ug/l	96
4) Vinyl Chloride	2.530	62	4533	0.975	ug/l	96
6) Chloroethane	3.130	64	3127	1.077	ug/l #	75
7) Trichlorofluoromethane	3.512	101	9741	0.963	ug/l	98
8) Diethyl Ether	3.983	74	3670	0.998	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.395	101	5948	1.009	ug/l	97
12) 1,1-Dichloroethene	4.353	96	5681	1.015	ug/l	94
14) Allyl chloride	5.042	41	6777	0.926	ug/l	95
15) Acrylonitrile	5.747	53	13033	4.999	ug/l	97
16) Acetone	4.459	43	14480	6.286	ug/l	98
17) Carbon Disulfide	4.724	76	14222	0.999	ug/l	98
18) Methyl Acetate	5.053	43	7166	1.018	ug/l #	89
19) Methyl tert-butyl Ether	5.818	73	17307	0.951	ug/l	92
20) Methylene Chloride	5.295	84	7692	1.156	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	5634	0.955	ug/l	84
22) Diisopropyl ether	6.677	45	15455	0.947	ug/l	96
23) Vinyl Acetate	6.624	43	51687	4.917	ug/l #	92
24) 1,1-Dichloroethane	6.577	63	9772	0.944	ug/l #	87
25) 2-Butanone	7.506	43	16582	5.093	ug/l #	87
26) 2,2-Dichloropropane	7.506	77	8819m	1.011	ug/l	
27) cis-1,2-Dichloroethene	7.500	96	6698	0.970	ug/l	94
28) Bromochloromethane	7.836	49	4110	0.959	ug/l #	99
29) Tetrahydrofuran	7.853	42	9815	4.738	ug/l	98
30) Chloroform	7.977	83	11653	1.025	ug/l	89
32) 1,1,1-Trichloroethane	8.183	97	9913	0.978	ug/l #	47
36) 1,1-Dichloropropene	8.383	75	8332	0.990	ug/l	97
37) Ethyl Acetate	7.571	43	7586	1.130	ug/l #	78
38) Carbon Tetrachloride	8.371	117	9111	0.994	ug/l #	76
39) Methylcyclohexane	9.606	83	8605	0.843	ug/l	97
40) Benzene	8.606	78	24492	0.956	ug/l	99
41) Methacrylonitrile	7.806	41	3200	0.893	ug/l #	18
42) 1,2-Dichloroethane	8.671	62	8223	0.966	ug/l	91
43) Isopropyl Acetate	8.700	43	11057	1.013	ug/l	93
44) Trichloroethene	9.353	130	7007	1.023	ug/l	96
45) 1,2-Dichloropropane	9.630	63	6370	1.025	ug/l #	88

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Reviewed By :John Carlone 02/07/2023

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Quant Title : SW846 8260

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	4774	1.071	ug/l	88
47) Bromodichloromethane	9.894	83	8630	0.967	ug/l	98
48) Methyl methacrylate	9.688	41	4826	0.926	ug/l	98
49) 1,4-Dioxane	9.700	88	2587	21.062	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	29920	4.573	ug/l	98
52) Toluene	10.635	92	14361	0.878	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	7730	0.895	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	8228	0.845	ug/l #	92
55) 1,1,2-Trichloroethane	11.018	97	6111	0.955	ug/l	91
56) Ethyl methacrylate	10.877	69	6489	0.755	ug/l #	88
57) 1,3-Dichloropropane	11.165	76	9839	0.931	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	9597	8.565	ug/l	96
59) 2-Hexanone	11.200	43	22015	4.632	ug/l	90
60) Dibromochloromethane	11.359	129	6214	0.914	ug/l	92
61) 1,2-Dibromoethane	11.471	107	6223	0.973	ug/l	95
64) Tetrachloroethene	11.106	164	8452	1.256	ug/l	85
65) Chlorobenzene	11.894	112	17711	1.074	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	5750	0.952	ug/l #	65
67) Ethyl Benzene	11.965	91	27675	0.953	ug/l	97
68) m/p-Xylenes	12.076	106	19931	1.771	ug/l	99
69) o-Xylene	12.400	106	9842	0.890	ug/l	97
70) Styrene	12.418	104	14667	0.834	ug/l	95
71) Bromoform	12.582	173	3969	0.920	ug/l #	99
73) Isopropylbenzene	12.700	105	22152	0.918	ug/l	99
74) N-amyl acetate	12.500	43	6997	0.994	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	7451	1.065	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	6969m	1.061	ug/l	
77) Bromobenzene	12.982	156	6240	1.099	ug/l	96
78) n-propylbenzene	13.041	91	23793	0.886	ug/l	100
79) 2-Chlorotoluene	13.129	91	17428	1.022	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	18323	0.895	ug/l	98
82) 4-Chlorotoluene	13.129	91	17428	1.022	ug/l	97
83) tert-Butylbenzene	13.441	119	16395	0.901	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	18143	0.894	ug/l	100
85) sec-Butylbenzene	13.618	105	21252	0.866	ug/l	97
86) p-Isopropyltoluene	13.735	119	15565	0.779	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	11314	1.075	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	12552m	1.183	ug/l	
89) n-Butylbenzene	14.059	91	14069	0.888	ug/l	98
90) Hexachloroethane	14.329	117	3061	0.897	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	10920	1.058	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1437	1.192	ug/l	74
93) 1,2,4-Trichlorobenzene	15.394	180	5063	1.113	ug/l	96
94) Hexachlorobutadiene	15.500	225	2846	1.089	ug/l	99
95) Naphthalene	15.641	128	15275	1.140	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	4626	1.058	ug/l	97

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

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