

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100523\
 Data File : VN079430.D
 Acq On : 05 Oct 2023 19:51
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Oct 06 03:06:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 02:55:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/06/2023
 Supervised By : Mahesh Dadoda 10/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	215975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	399077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	339716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87397	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	2998	0.969	ug/l	86
3) Chloromethane	2.371	50	4274	1.107	ug/l	97
4) Vinyl Chloride	2.512	62	3999	0.996	ug/l #	77
6) Chloroethane	3.118	64	3536	1.187	ug/l	96
7) Trichlorofluoromethane	3.501	101	5160	1.088	ug/l	99
8) Diethyl Ether	3.965	74	1624	0.961	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.359	101	3382	1.220	ug/l #	82
12) 1,1-Dichloroethene	4.348	96	2620	1.027	ug/l #	91
14) Allyl chloride	5.036	41	4087	0.992	ug/l #	19
15) Acrylonitrile	5.742	53	7028	4.599	ug/l #	70
16) Acetone	4.442	43	6879	4.953	ug/l #	76
17) Carbon Disulfide	4.718	76	9103	1.144	ug/l #	75
18) Methyl Acetate	5.047	43	7866	1.157	ug/l #	76
19) Methyl tert-butyl Ether	5.812	73	8067	0.973	ug/l #	78
20) Methylene Chloride	5.271	84	5240	1.134	ug/l #	83
21) trans-1,2-Dichloroethene	5.794	96	3746	1.257	ug/l #	87
22) Diisopropyl ether	6.671	45	8267	0.895	ug/l #	90
23) Vinyl Acetate	6.612	43	22535	4.339	ug/l #	77
24) 1,1-Dichloroethane	6.571	63	6106	1.080	ug/l #	93
25) 2-Butanone	7.494	43	9139	4.433	ug/l #	75
26) 2,2-Dichloropropane	7.500	77	4326	1.002	ug/l	80
27) cis-1,2-Dichloroethene	7.494	96	3299	1.019	ug/l	83
28) Bromochloromethane	7.812	49	2867	1.066	ug/l #	76
29) Tetrahydrofuran	7.853	42	6117	4.588	ug/l #	69
30) Chloroform	7.965	83	6201	1.086	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	4957	1.032	ug/l #	49
36) 1,1-Dichloropropene	8.377	75	4184	0.972	ug/l	88
37) Ethyl Acetate	7.571	43	3736	0.847	ug/l #	75
38) Carbon Tetrachloride	8.371	117	4473	1.038	ug/l	86
39) Methylcyclohexane	9.606	83	3750	0.907	ug/l #	78
40) Benzene	8.606	78	12674	0.991	ug/l	95
41) Methacrylonitrile	7.794	41	1809	0.803	ug/l #	67
42) 1,2-Dichloroethane	8.683	62	5047	1.087	ug/l	76
43) Isopropyl Acetate	8.700	43	7775m	1.036	ug/l	
44) Trichloroethene	9.365	130	3036	1.009	ug/l	84
45) 1,2-Dichloropropane	9.624	63	3301	0.980	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.718	93	2081	0.954	ug/l	90
47) Bromodichloromethane	9.894	83	4506	1.004	ug/l	87
48) Methyl methacrylate	9.688	41	3208	0.998	ug/l #	70
49) 1,4-Dioxane	9.706	88	870	14.689	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	17164	4.052	ug/l #	85
52) Toluene	10.629	92	6591	0.876	ug/l	95
53) t-1,3-Dichloropropene	10.847	75	4047	0.895	ug/l #	88
54) cis-1,3-Dichloropropene	10.318	75	4376	0.884	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	3020	1.000	ug/l #	83
56) Ethyl methacrylate	10.882	69	3020	0.728	ug/l #	77
57) 1,3-Dichloropropane	11.165	76	4673	0.896	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	5840	3.674	ug/l #	88
59) 2-Hexanone	11.206	43	11765	3.849	ug/l	78
60) Dibromochloromethane	11.365	129	2547	0.839	ug/l	95
61) 1,2-Dibromoethane	11.476	107	2776	0.926	ug/l	95
64) Tetrachloroethene	11.106	164	2541	1.087	ug/l #	85
65) Chlorobenzene	11.894	112	7882	1.042	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	2726	0.984	ug/l #	57
67) Ethyl Benzene	11.971	91	12263	0.933	ug/l	95
68) m/p-Xylenes	12.076	106	7191	1.505	ug/l	90
69) o-Xylene	12.400	106	3966	0.844	ug/l	93
70) Styrene	12.418	104	5424	0.731	ug/l	95
71) Bromoform	12.576	173	1986	0.980	ug/l #	67
73) Isopropylbenzene	12.700	105	9132	1.123	ug/l	93
74) N-amyl acetate	12.494	43	3321	0.996	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.947	83	4602	0.552	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	2087m	0.806	ug/l	
77) Bromobenzene	12.982	156	2416	1.212	ug/l	97
78) n-propylbenzene	13.041	91	9169	0.997	ug/l	92
79) 2-Chlorotoluene	13.135	91	6844	1.163	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	5867	0.915	ug/l	96
82) 4-Chlorotoluene	13.229	91	5692	1.016	ug/l	96
83) tert-Butylbenzene	13.441	119	4941	0.941	ug/l	86
84) 1,2,4-Trimethylbenzene	13.488	105	5621	0.919	ug/l	96
85) sec-Butylbenzene	13.623	105	6788	0.926	ug/l	100
86) p-Isopropyltoluene	13.735	119	4997	0.889	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	3474	1.099	ug/l	97
88) 1,4-Dichlorobenzene	13.823	146	3937m	1.206	ug/l	
89) n-Butylbenzene	14.059	91	3679	0.820	ug/l	96
90) Hexachloroethane	14.341	117	1829	0.569	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	3232	1.048	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.712	75	550	1.170	ug/l	70
93) 1,2,4-Trichlorobenzene	15.400	180	878	0.919	ug/l #	70
94) Hexachlorobutadiene	15.500	225	817	1.098	ug/l	86
95) Naphthalene	15.647	128	3077	1.055	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.847	180	1302	1.142	ug/l #	78

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

Manual Integrations

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