

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102623\
 Data File : VN079699.D
 Acq On : 26 Oct 2023 17:00
 Operator : JC\MD
 Sample : VN1026WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2023
 Supervised By : Mahesh Dadoda 10/27/2023

Quant Time: Oct 27 01:22:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	235146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	417557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	386002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	196826	51.624	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.240%			
35) Dibromofluoromethane	8.171	113	151026	50.330	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.660%			
50) Toluene-d8	10.571	98	546137	50.301	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.600%			
62) 4-Bromofluorobenzene	12.853	95	178788	51.311	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	58984	17.505	ug/l	95
3) Chloromethane	2.365	50	67660	16.093	ug/l	98
4) Vinyl Chloride	2.518	62	76935	17.592	ug/l	97
5) Bromomethane	2.959	94	64078	24.476	ug/l	96
6) Chloroethane	3.124	64	56831	17.237	ug/l	89
7) Trichlorofluoromethane	3.495	101	114649	22.204	ug/l	99
8) Diethyl Ether	3.965	74	46685	25.362	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.377	101	56457	18.710	ug/l	100
10) Methyl Iodide	4.600	142	60731	23.194	ug/l	99
11) Tert butyl alcohol	5.524	59	58355	101.692	ug/l	100
12) 1,1-Dichloroethene	4.342	96	50361	18.127	ug/l #	77
13) Acrolein	4.183	56	55227	96.654	ug/l	94
14) Allyl chloride	5.024	41	95503	21.301	ug/l #	90
15) Acrylonitrile	5.730	53	180411	108.442	ug/l	98
16) Acetone	4.436	43	169363	111.994	ug/l	90
17) Carbon Disulfide	4.718	76	131009	15.117	ug/l	99
18) Methyl Acetate	5.030	43	148140	20.014	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	207403	22.976	ug/l	97
20) Methylene Chloride	5.283	84	70750	21.016	ug/l #	86
21) trans-1,2-Dichloroethene	5.789	96	59489	18.333	ug/l	89
22) Diisopropyl ether	6.683	45	224252	22.306	ug/l #	93
23) Vinyl Acetate	6.606	43	602724	106.581	ug/l #	85
24) 1,1-Dichloroethane	6.577	63	125235	20.354	ug/l	95
25) 2-Butanone	7.488	43	249742	111.268	ug/l #	77
26) 2,2-Dichloropropane	7.494	77	96436	20.509	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	74552	21.148	ug/l	88
28) Bromochloromethane	7.818	49	61156	20.890	ug/l #	75
29) Tetrahydrofuran	7.841	42	155556	107.160	ug/l #	76
30) Chloroform	7.971	83	131221	21.108	ug/l	91
31) Cyclohexane	8.259	56	90454	16.725	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	106442	20.345	ug/l	97
36) 1,1-Dichloropropene	8.377	75	87688	19.470	ug/l	95
37) Ethyl Acetate	7.571	43	96652	21.568	ug/l #	91
38) Carbon Tetrachloride	8.365	117	87747	19.462	ug/l	92
39) Methylcyclohexane	9.606	83	79623	18.402	ug/l #	87
40) Benzene	8.612	78	278445	20.818	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	51737	21.960	ug/l #	87
42) 1,2-Dichloroethane	8.677	62	105426	21.693	ug/l	99
43) Isopropyl Acetate	8.694	43	160570	20.452	ug/l #	90
44) Trichloroethene	9.359	130	64876	20.608	ug/l	93
45) 1,2-Dichloropropane	9.624	63	75200	21.339	ug/l	98
46) Dibromomethane	9.712	93	51124	22.399	ug/l	93
47) Bromodichloromethane	9.894	83	103338	22.011	ug/l	99
48) Methyl methacrylate	9.688	41	75150	22.337	ug/l #	79
49) 1,4-Dioxane	9.694	88	27346	441.283	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	507879	114.596	ug/l	90
52) Toluene	10.635	92	168948	21.459	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	106492	22.508	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	117803	22.745	ug/l #	90
55) 1,1,2-Trichloroethane	11.023	97	73400	23.222	ug/l	98
56) Ethyl methacrylate	10.876	69	102163	23.522	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	128151	23.480	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	158937	95.553	ug/l #	88
59) 2-Hexanone	11.200	43	368654	115.273	ug/l	86
60) Dibromochloromethane	11.365	129	73079	23.005	ug/l	99
61) 1,2-Dibromoethane	11.476	107	70386	22.439	ug/l	99
64) Tetrachloroethene	11.112	164	53062	19.983	ug/l	91
65) Chlorobenzene	11.894	112	176224	20.500	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	69122	21.961	ug/l	97
67) Ethyl Benzene	11.965	91	306210	20.494	ug/l	96
68) m/p-Xylenes	12.076	106	231849	42.707	ug/l	95
69) o-Xylene	12.400	106	113994	21.351	ug/l	95
70) Styrene	12.418	104	184751	21.907	ug/l	97
71) Bromoform	12.582	173	49970	21.692	ug/l #	97
73) Isopropylbenzene	12.700	105	277103	19.509	ug/l	100
74) N-amyl acetate	12.500	43	121330	20.836	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	106845	22.641	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	95802m	21.763	ug/l	
77) Bromobenzene	12.982	156	69057	19.828	ug/l	94
78) n-propylbenzene	13.041	91	325057	20.227	ug/l	96
79) 2-Chlorotoluene	13.129	91	205925	20.025	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	235451	21.022	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	32094	21.154	ug/l	87
82) 4-Chlorotoluene	13.223	91	196825	20.114	ug/l	99
83) tert-Butylbenzene	13.441	119	184418	20.097	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	229306	21.453	ug/l	100
85) sec-Butylbenzene	13.623	105	262032	20.472	ug/l	100
86) p-Isopropyltoluene	13.735	119	208204	21.204	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	112965	20.450	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	109777	19.247	ug/l	97
89) n-Butylbenzene	14.059	91	161225	20.561	ug/l	96
90) Hexachloroethane	14.335	117	42234	20.571	ug/l	92
91) 1,2-Dichlorobenzene	14.111	146	114650	21.278	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15706	19.123	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	29934	17.938	ug/l	98
94) Hexachlorobutadiene	15.506	225	26924	20.715	ug/l	98
95) Naphthalene	15.647	128	83169	16.321	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	36132	18.144	ug/l	99

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

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