

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079482.D
 Acq On : 10 Oct 2023 10:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 11 06:13:21 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

Manual Integrations APPROVED

Reviewed By : John Carlone 10/11/2023
 Supervised By : Mahesh Dadoda 10/11/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	238140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	423920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	397241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	174322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	218413	56.565	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.140%			
35) Dibromofluoromethane	8.171	113	166615	54.692	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.380%			
50) Toluene-d8	10.570	98	606030	54.979	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.960%			
62) 4-Bromofluorobenzene	12.853	95	204522	57.816	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	159718	46.805	ug/l	100
3) Chloromethane	2.365	50	191610	45.001	ug/l	99
4) Vinyl Chloride	2.518	62	198609	44.844	ug/l	95
5) Bromomethane	2.942	94	144892	54.649	ug/l	98
6) Chloroethane	3.112	64	137073	41.053	ug/l	99
7) Trichlorofluoromethane	3.494	101	233565	44.666	ug/l	99
8) Diethyl Ether	3.965	74	100553	53.939	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	136686	44.730	ug/l	100
10) Methyl Iodide	4.589	142	145966	55.047	ug/l	98
11) Tert butyl alcohol	5.524	59	136779	235.360	ug/l	99
12) 1,1-Dichloroethene	4.341	96	131632	46.784	ug/l #	80
13) Acrolein	4.177	56	149188	257.815	ug/l	98
14) Allyl chloride	5.030	41	242491	53.406	ug/l #	90
15) Acrylonitrile	5.724	53	421685	250.281	ug/l	99
16) Acetone	4.430	43	449842	293.726	ug/l	92
17) Carbon Disulfide	4.712	76	388431	44.258	ug/l	100
18) Methyl Acetate	5.030	43	342244	45.657	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	499989	54.691	ug/l	94
20) Methylene Chloride	5.277	84	172895	51.572	ug/l #	82
21) trans-1,2-Dichloroethene	5.788	96	153139	46.600	ug/l #	80
22) Diisopropyl ether	6.677	45	556251	54.633	ug/l #	90
23) Vinyl Acetate	6.606	43	1565932	273.425	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	307639	49.371	ug/l	98
25) 2-Butanone	7.488	43	596617	262.471	ug/l #	80
26) 2,2-Dichloropropane	7.488	77	240936	50.595	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	186462	52.229	ug/l	88
28) Bromochloromethane	7.818	49	156080	52.644	ug/l #	74
29) Tetrahydrofuran	7.841	42	365131	248.371	ug/l #	76
30) Chloroform	7.971	83	317432	50.419	ug/l	94
31) Cyclohexane	8.259	56	238222	43.494	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	252962	47.744	ug/l	94
36) 1,1-Dichloropropene	8.377	75	219057	47.910	ug/l	95
37) Ethyl Acetate	7.565	43	233363	51.293	ug/l #	89
38) Carbon Tetrachloride	8.365	117	220684	48.212	ug/l	96
39) Methylcyclohexane	9.606	83	215685	49.099	ug/l #	87
40) Benzene	8.612	78	693398	51.064	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	121551	50.819	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	258738	52.439	ug/l	98
43) Isopropyl Acetate	8.694	43	388630	48.757	ug/l #	89
44) Trichloroethene	9.359	130	154563	48.361	ug/l	98
45) 1,2-Dichloropropane	9.623	63	188147	52.588	ug/l	96
46) Dibromomethane	9.712	93	126466	54.578	ug/l	97
47) Bromodichloromethane	9.888	83	255032	53.506	ug/l	99
48) Methyl methacrylate	9.682	41	175593	51.409	ug/l #	84
49) 1,4-Dioxane	9.700	88	64980	1032.845	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1169326	259.882	ug/l	88
52) Toluene	10.635	92	417944	52.289	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	273815	57.005	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	287823	54.738	ug/l #	90
55) 1,1,2-Trichloroethane	11.023	97	172157	53.649	ug/l	98
56) Ethyl methacrylate	10.876	69	258818	58.696	ug/l #	82
57) 1,3-Dichloropropane	11.170	76	304266	54.912	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	497322	294.503	ug/l	89
59) 2-Hexanone	11.200	43	859330	264.667	ug/l	88
60) Dibromochloromethane	11.359	129	182049	56.448	ug/l	98
61) 1,2-Dibromoethane	11.470	107	169940	53.364	ug/l	98
64) Tetrachloroethene	11.106	164	119656	43.787	ug/l	98
65) Chlorobenzene	11.894	112	436755	49.370	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	163581	50.501	ug/l	97
67) Ethyl Benzene	11.965	91	776907	50.526	ug/l	96
68) m/p-Xylenes	12.076	106	592049	105.970	ug/l	95
69) o-Xylene	12.400	106	283774	51.647	ug/l	92
70) Styrene	12.412	104	481735	55.507	ug/l	98
71) Bromoform	12.582	173	120540	50.846	ug/l #	99
73) Isopropylbenzene	12.700	105	711946	43.900	ug/l	99
74) N-amyl acetate	12.500	43	312561	47.012	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	250877	47.875	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	218935m	43.559	ug/l	
77) Bromobenzene	12.982	156	173778	43.701	ug/l	93
78) n-propylbenzene	13.041	91	859275	46.830	ug/l	97
79) 2-Chlorotoluene	13.129	91	519910	44.280	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	603524	47.193	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	75220	43.423	ug/l #	76
82) 4-Chlorotoluene	13.223	91	510384	45.681	ug/l	99
83) tert-Butylbenzene	13.441	119	477931	45.615	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	603684	49.464	ug/l	99
85) sec-Butylbenzene	13.617	105	679107	46.468	ug/l	100
86) p-Isopropyltoluene	13.735	119	561478	50.081	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	301043	47.731	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	293711	45.100	ug/l	99
89) n-Butylbenzene	14.059	91	465889	52.037	ug/l	97
90) Hexachloroethane	14.341	117	110255	48.406	ug/l	92
91) 1,2-Dichlorobenzene	14.111	146	294562	47.880	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	39247	41.851	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	99554	52.248	ug/l	96
94) Hexachlorobutadiene	15.505	225	64290	43.322	ug/l	98
95) Naphthalene	15.647	128	268619	46.167	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	105254	46.290	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

