

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080151.D
 Acq On : 17 Nov 2023 10:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 18 02:22:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/18/2023
 Supervised By : Mahesh Dadoda 11/20/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	239401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	381505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	358871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	196956	49.826	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.660%		
35) Dibromofluoromethane	8.165	113	138919	49.349	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.700%		
50) Toluene-d8	10.571	98	493458	48.628	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.260%		
62) 4-Bromofluorobenzene	12.853	95	190046	49.583	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	150890	42.313	ug/l	97
3) Chloromethane	2.365	50	121453	45.300	ug/l	100
4) Vinyl Chloride	2.512	62	124661	43.937	ug/l	99
5) Bromomethane	2.953	94	87250	45.298	ug/l	93
6) Chloroethane	3.118	64	80811	45.866	ug/l	94
7) Trichlorofluoromethane	3.500	101	249874	42.218	ug/l	100
8) Diethyl Ether	3.959	74	84164	48.895	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	116674	43.128	ug/l	95
10) Methyl Iodide	4.589	142	150713	51.550	ug/l #	85
11) Tert butyl alcohol	5.518	59	109951	252.938	ug/l	100
12) 1,1-Dichloroethene	4.342	96	110483	43.664	ug/l	85
13) Acrolein	4.171	56	116147	301.916	ug/l	98
14) Allyl chloride	5.018	41	147044	46.190	ug/l	93
15) Acrylonitrile	5.718	53	300729	257.704	ug/l	99
16) Acetone	4.418	43	317088	238.828	ug/l	90
17) Carbon Disulfide	4.712	76	309777	41.002	ug/l	99
18) Methyl Acetate	5.024	43	198910	46.629	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	449954	50.354	ug/l	99
20) Methylene Chloride	5.277	84	144229	51.874	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	127935	46.024	ug/l #	81
22) Diisopropyl ether	6.671	45	355946	50.537	ug/l	97
23) Vinyl Acetate	6.600	43	1108191	261.715	ug/l	94
24) 1,1-Dichloroethane	6.571	63	242431	47.259	ug/l	97
25) 2-Butanone	7.483	43	387329	245.543	ug/l	91
26) 2,2-Dichloropropane	7.494	77	226896	44.581	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	153212	48.615	ug/l	89
28) Bromochloromethane	7.812	49	109001	54.048	ug/l	95
29) Tetrahydrofuran	7.835	42	223756	264.210	ug/l	89
30) Chloroform	7.971	83	278477	48.568	ug/l	93
31) Cyclohexane	8.259	56	170667	39.701	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	251371	44.955	ug/l	96
36) 1,1-Dichloropropene	8.377	75	185992	45.636	ug/l	95
37) Ethyl Acetate	7.559	43	141596	50.088	ug/l	99
38) Carbon Tetrachloride	8.365	117	229952	44.462	ug/l	98
39) Methylcyclohexane	9.606	83	175378	44.629	ug/l #	90
40) Benzene	8.612	78	544472	47.005	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	82685	53.260	ug/l	92
42) 1,2-Dichloroethane	8.671	62	238898	50.411	ug/l	95
43) Isopropyl Acetate	8.688	43	244688	44.479	ug/l	98
44) Trichloroethene	9.353	130	140572	46.265	ug/l	99
45) 1,2-Dichloropropane	9.624	63	133508	49.597	ug/l	92
46) Dibromomethane	9.712	93	102708	50.405	ug/l	91
47) Bromodichloromethane	9.888	83	227644	50.788	ug/l	98
48) Methyl methacrylate	9.682	41	148043	52.220	ug/l	91
49) 1,4-Dioxane	9.694	88	46750	991.238	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	733418	257.511	ug/l	98
52) Toluene	10.629	92	350119	48.299	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	233072	50.611	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	243723	51.802	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	141209	51.038	ug/l	98
56) Ethyl methacrylate	10.876	69	153599	54.343	ug/l	95
57) 1,3-Dichloropropane	11.165	76	242764	50.255	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	439251	275.851	ug/l	98
59) 2-Hexanone	11.200	43	583958	255.158	ug/l	95
60) Dibromochloromethane	11.359	129	171659	51.823	ug/l	99
61) 1,2-Dibromoethane	11.471	107	141733	50.214	ug/l	97
64) Tetrachloroethene	11.106	164	131233	47.917	ug/l	96
65) Chlorobenzene	11.894	112	366682	45.092	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	152396	48.293	ug/l	94
67) Ethyl Benzene	11.965	91	662689	45.797	ug/l	97
68) m/p-Xylenes	12.070	106	496895	94.183	ug/l	88
69) o-Xylene	12.400	106	239899	48.249	ug/l	88
70) Styrene	12.412	104	362318	48.959	ug/l	92
71) Bromoform	12.582	173	116266	49.682	ug/l #	100
73) Isopropylbenzene	12.700	105	619363	44.702	ug/l	98
74) N-amyl acetate	12.494	43	204102	47.237	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	184857	44.577	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	183041m	41.898	ug/l	
77) Bromobenzene	12.982	156	157203	45.002	ug/l	99
78) n-propylbenzene	13.035	91	696047	44.924	ug/l	100
79) 2-Chlorotoluene	13.129	91	457308	45.444	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	550133	45.612	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	69398	53.669	ug/l	93
82) 4-Chlorotoluene	13.223	91	472767	45.859	ug/l	96
83) tert-Butylbenzene	13.441	119	418198	43.237	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	558803	47.052	ug/l	95
85) sec-Butylbenzene	13.617	105	539364	44.081	ug/l	99
86) p-Isopropyltoluene	13.735	119	504622	46.168	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	277504	44.092	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	282350	44.641	ug/l	99
89) n-Butylbenzene	14.059	91	407148	44.504	ug/l	99
90) Hexachloroethane	14.335	117	88544	41.554	ug/l	69
91) 1,2-Dichlorobenzene	14.112	146	272272	45.208	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	44199	45.887	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	151689	43.304	ug/l	97
94) Hexachlorobutadiene	15.506	225	76043	37.724	ug/l	99
95) Naphthalene	15.647	128	441580	43.473	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	142402	43.372	ug/l	96

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

