

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111422\
 Data File : VN075272.D
 Acq On : 14 Nov 2022 18:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 15 03:53:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2022
 Supervised By : Mahesh Dadoda 11/15/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	145828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	78498	39.951	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	79.900%		
35) Dibromofluoromethane	8.171	113	71595	49.053	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.100%		
50) Toluene-d8	10.571	98	260353	45.977	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.960%		
62) 4-Bromofluorobenzene	12.847	95	102188	51.372	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	81351	42.883	ug/l	98
3) Chloromethane	2.371	50	76540	37.985	ug/l	99
4) Vinyl Chloride	2.524	62	104779	36.450	ug/l	97
5) Bromomethane	2.918	94	94864	45.682	ug/l	97
6) Chloroethane	3.100	64	73458	35.637	ug/l	94
7) Trichlorofluoromethane	3.495	101	134937	45.951	ug/l	96
8) Diethyl Ether	3.971	74	50558	47.203	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	75189	46.364	ug/l	95
10) Methyl Iodide	4.594	142	119343	49.432	ug/l	97
11) Tert butyl alcohol	5.541	59	80867	176.483	ug/l	100
12) 1,1-Dichloroethene	4.342	96	73158	47.327	ug/l	96
13) Acrolein	4.183	56	72259	192.798	ug/l	97
14) Allyl chloride	5.030	41	102897	45.577	ug/l	95
15) Acrylonitrile	5.730	53	214625	221.734	ug/l	98
16) Acetone	4.442	43	178888	215.017	ug/l	94
17) Carbon Disulfide	4.718	76	172973	44.497	ug/l	99
18) Methyl Acetate	5.036	43	119219	43.869	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	262923	45.763	ug/l	99
20) Methylene Chloride	5.283	84	84501	45.553	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	81317	48.045	ug/l	92
22) Diisopropyl ether	6.683	45	225640	45.288	ug/l	99
23) Vinyl Acetate	6.612	43	895035m	215.128	ug/l	
24) 1,1-Dichloroethane	6.571	63	143458	45.527	ug/l	96
25) 2-Butanone	7.488	43	282730	216.054	ug/l	99
26) 2,2-Dichloropropane	7.494	77	125175	43.181	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	96896	47.939	ug/l	96
28) Bromochloromethane	7.818	49	52860	39.795	ug/l	90
29) Tetrahydrofuran	7.847	42	180545	213.509	ug/l	99
30) Chloroform	7.971	83	155943	45.581	ug/l	99
31) Cyclohexane	8.259	56	127947	43.783	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	143606	46.222	ug/l	97
36) 1,1-Dichloropropene	8.371	75	113126	50.064	ug/l	97
37) Ethyl Acetate	7.565	43	111554	45.016	ug/l	100
38) Carbon Tetrachloride	8.365	117	128994	51.896	ug/l	96
39) Methylcyclohexane	9.600	83	153387	51.419	ug/l	99
40) Benzene	8.606	78	348136	50.318	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	55708	46.922	ug/l	96
42) 1,2-Dichloroethane	8.671	62	118535	47.091	ug/l	98
43) Isopropyl Acetate	8.694	43	177127	46.080	ug/l	98
44) Trichloroethene	9.353	130	93922	54.109	ug/l	93
45) 1,2-Dichloropropane	9.624	63	84503	51.322	ug/l	97
46) Dibromomethane	9.712	93	62949	49.072	ug/l	92
47) Bromodichloromethane	9.888	83	123261	49.619	ug/l	98
48) Methyl methacrylate	9.682	41	82446	46.758	ug/l	95
49) 1,4-Dioxane	9.694	88	44261	958.604	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	578085	233.056	ug/l	97
52) Toluene	10.629	92	235624	50.947	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	131150	50.019	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	141248	50.790	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	93905	51.207	ug/l	96
56) Ethyl methacrylate	10.876	69	138402	49.478	ug/l	100
57) 1,3-Dichloropropane	11.165	76	152547	49.951	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	252933	233.890	ug/l	98
59) 2-Hexanone	11.194	43	430022	228.421	ug/l	96
60) Dibromochloromethane	11.359	129	104605	54.066	ug/l	98
61) 1,2-Dibromoethane	11.471	107	99519	52.955	ug/l	99
64) Tetrachloroethene	11.106	164	84208	58.724	ug/l	98
65) Chlorobenzene	11.888	112	253604	50.797	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	97555	52.675	ug/l	98
67) Ethyl Benzene	11.965	91	455608	50.723	ug/l	96
68) m/p-Xylenes	12.070	106	370064	102.679	ug/l	98
69) o-Xylene	12.400	106	185261	51.977	ug/l	97
70) Styrene	12.412	104	305408	53.739	ug/l	98
71) Bromoform	12.576	173	81232	58.584	ug/l #	98
73) Isopropylbenzene	12.694	105	474021	47.177	ug/l	96
74) N-amyl acetate	12.494	43	159087	42.810	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	144612	49.783	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	121586m	45.754	ug/l	
77) Bromobenzene	12.982	156	116497	52.657	ug/l	87
78) n-propylbenzene	13.035	91	541454	47.998	ug/l	99
79) 2-Chlorotoluene	13.123	91	324275	47.041	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	411478	48.758	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	42922	41.462	ug/l	95
82) 4-Chlorotoluene	13.123	91	324275	47.041	ug/l	97
83) tert-Butylbenzene	13.435	119	368843	49.187	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	414081	48.495	ug/l	98
85) sec-Butylbenzene	13.617	105	525398	50.085	ug/l	99
86) p-Isopropyltoluene	13.729	119	453690	52.368	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	226958	52.394	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	225721	52.652	ug/l	97
89) n-Butylbenzene	14.059	91	383594	54.983	ug/l	99
90) Hexachloroethane	14.335	117	74124	46.664	ug/l	82
91) 1,2-Dichlorobenzene	14.106	146	221890	51.526	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30576	45.114	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	127227	68.656	ug/l	98
94) Hexachlorobutadiene	15.500	225	60367	66.823	ug/l	99
95) Naphthalene	15.641	128	419331	58.843	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	125420	68.117	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

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Data File : 82N102622.D
Acq On : Nov 2022 18:02
Operator : AD
Sample : VSTDCCC050
Inj Volume : 10 µL/MSVOA_N/WATER
Sample Multiplier: 1
Quant Date : Nov 15 03:53:33 2022
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