

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111522\
 Data File : VN075285.D
 Acq On : 15 Nov 2022 16:49
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 16 01:03:18 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 11/16/2022
 Supervised By : Mahesh Dadoda 11/16/2022

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	124582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	214174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	201719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	70385	41.931	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.860%		
35) Dibromofluoromethane	8.171	113	64490	51.292	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.580%		
50) Toluene-d8	10.565	98	231464	47.450	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.900%		
62) 4-Bromofluorobenzene	12.847	95	89749	52.376	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	66358	40.945	ug/l	97
3) Chloromethane	2.371	50	69384	40.306	ug/l	96
4) Vinyl Chloride	2.524	62	97633	39.756	ug/l	96
5) Bromomethane	2.924	94	96453	55.391	ug/l	96
6) Chloroethane	3.106	64	69575	39.509	ug/l	99
7) Trichlorofluoromethane	3.500	101	126365	50.371	ug/l	96
8) Diethyl Ether	3.965	74	46173	50.461	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	71825	51.843	ug/l	98
10) Methyl Iodide	4.594	142	109003	52.849	ug/l	97
11) Tert butyl alcohol	5.524	59	67260	171.821	ug/l	99
12) 1,1-Dichloroethene	4.347	96	68850	52.136	ug/l	93
13) Acrolein	4.189	56	59799	186.762	ug/l	99
14) Allyl chloride	5.024	41	93973	48.722	ug/l	96
15) Acrylonitrile	5.724	53	184395	222.990	ug/l	98
16) Acetone	4.436	43	155744	219.123	ug/l	95
17) Carbon Disulfide	4.718	76	161560	48.649	ug/l	99
18) Methyl Acetate	5.030	43	103000	44.365	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	240735	49.046	ug/l	98
20) Methylene Chloride	5.283	84	78969	49.831	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	75118	51.951	ug/l	92
22) Diisopropyl ether	6.677	45	211990	49.805	ug/l	99
23) Vinyl Acetate	6.606	43	840521m	236.478	ug/l	
24) 1,1-Dichloroethane	6.571	63	134055	49.798	ug/l	97
25) 2-Butanone	7.488	43	239116	213.887	ug/l	99
26) 2,2-Dichloropropane	7.488	77	118814	47.977	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	91613	53.055	ug/l	95
28) Bromochloromethane	7.818	49	49242	43.393	ug/l	94
29) Tetrahydrofuran	7.841	42	154437	213.780	ug/l	99
30) Chloroform	7.965	83	147931	50.613	ug/l	98
31) Cyclohexane	8.259	56	120666	48.333	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	134347	50.617	ug/l	98
36) 1,1-Dichloropropene	8.371	75	108270	55.622	ug/l	98
37) Ethyl Acetate	7.559	43	93773	43.927	ug/l	99
38) Carbon Tetrachloride	8.365	117	116676	54.491	ug/l	99
39) Methylcyclohexane	9.600	83	144112	56.080	ug/l	99
40) Benzene	8.606	78	327764	54.994	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	50192	49.076	ug/l	98
42) 1,2-Dichloroethane	8.671	62	110843	51.118	ug/l	97
43) Isopropyl Acetate	8.688	43	157945	47.700	ug/l	98
44) Trichloroethene	9.353	130	86496	57.846	ug/l	97
45) 1,2-Dichloropropane	9.624	63	79495	56.047	ug/l	97
46) Dibromomethane	9.706	93	59926	54.230	ug/l	97
47) Bromodichloromethane	9.888	83	115030	53.754	ug/l	99
48) Methyl methacrylate	9.676	41	75168	49.488	ug/l	97
49) 1,4-Dioxane	9.700	88	37571	944.598	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	493925	231.156	ug/l	98
52) Toluene	10.629	92	220733	55.404	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	123665	54.750	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	132124	55.151	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	84513	53.498	ug/l	94
56) Ethyl methacrylate	10.871	69	126449	52.476	ug/l	98
57) 1,3-Dichloropropane	11.165	76	141052	53.616	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	229157	245.989	ug/l	99
59) 2-Hexanone	11.194	43	367693	226.729	ug/l	99
60) Dibromochloromethane	11.359	129	93196	55.917	ug/l	100
61) 1,2-Dibromoethane	11.470	107	89337	55.183	ug/l	100
64) Tetrachloroethene	11.100	164	77118	62.357	ug/l	94
65) Chlorobenzene	11.888	112	240221	55.791	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	89050	55.752	ug/l	99
67) Ethyl Benzene	11.965	91	437846	56.521	ug/l	98
68) m/p-Xylenes	12.070	106	350133	112.644	ug/l	100
69) o-Xylene	12.394	106	173520	56.448	ug/l	96
70) Styrene	12.412	104	285427	58.234	ug/l	98
71) Bromoform	12.576	173	68042	56.898	ug/l #	100
73) Isopropylbenzene	12.694	105	448267	49.766	ug/l	98
74) N-amyl acetate	12.494	43	143548	43.089	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	128511	49.314	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	109035m	45.770	ug/l	
77) Bromobenzene	12.982	156	106651	53.774	ug/l	88
78) n-propylbenzene	13.035	91	525528	51.966	ug/l	100
79) 2-Chlorotoluene	13.123	91	308117	49.859	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	394900	52.198	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	39095	42.127	ug/l	97
82) 4-Chlorotoluene	13.123	91	308117	49.859	ug/l	97
83) tert-Butylbenzene	13.435	119	350805	52.184	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	401583	52.463	ug/l	98
85) sec-Butylbenzene	13.617	105	499024	53.064	ug/l	99
86) p-Isopropyltoluene	13.729	119	432926	55.742	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	217819	56.092	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	218826	56.939	ug/l	98
89) n-Butylbenzene	14.053	91	363371	58.100	ug/l	99
90) Hexachloroethane	14.335	117	68703	48.247	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	215430	55.803	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24200	39.830	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	107427	64.666	ug/l	99
94) Hexachlorobutadiene	15.500	225	51889	64.071	ug/l	99
95) Naphthalene	15.641	128	345570	54.092	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	104240	63.152	ug/l	98

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

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