

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074453.D
 Acq On : 15 Sep 2022 10:36
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 15 19:06:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:05:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	443649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	839691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	716741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	291628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	38536	6.197	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	12.400%#		
35) Dibromofluoromethane	7.951	113	27641	5.280	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.560%#		
50) Toluene-d8	10.381	98	113799	5.846	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	11.700%#		
62) 4-Bromofluorobenzene	12.675	95	34381	4.904	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.800%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.040	85	25139	6.027	ug/l	90
3) Chloromethane	2.263	50	43570	8.299	ug/l	97
4) Vinyl Chloride	2.405	62	45009	10.263	ug/l #	78
5) Bromomethane	2.781	94	25263	12.556	ug/l	97
6) Chloroethane	2.946	64	35884	12.703	ug/l #	83
7) Trichlorofluoromethane	3.316	101	48992	7.406	ug/l	92
8) Diethyl Ether	3.752	74	24934	7.424	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.146	101	30590	6.911	ug/l	90
10) Methyl Iodide	4.340	142	32788	6.271	ug/l	91
11) Tert butyl alcohol	5.275	59	69714	42.268	ug/l	96
12) 1,1-Dichloroethene	4.110	96	33962	7.711	ug/l	97
13) Acrolein	3.975	56	22671	34.377	ug/l	90
14) Allyl chloride	4.751	41	66418	6.887	ug/l	90
15) Acrylonitrile	5.463	53	136317	35.797	ug/l	96
16) Acetone	4.216	43	116705	33.780	ug/l	99
17) Carbon Disulfide	4.457	76	79189	6.927	ug/l	97
18) Methyl Acetate	4.763	43	76516	8.012	ug/l	92
19) Methyl tert-butyl Ether	5.528	73	127324	7.534	ug/l	98
20) Methylene Chloride	5.016	84	43443	7.471	ug/l	94
21) trans-1,2-Dichloroethene	5.504	96	37893	7.835	ug/l	98
22) Diisopropyl ether	6.410	45	146203	7.998	ug/l #	89
23) Vinyl Acetate	6.340	43	612892	36.494	ug/l #	92
24) 1,1-Dichloroethane	6.298	63	70823	7.499	ug/l	98
25) 2-Butanone	7.263	43	193107	34.632	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	61479	7.295	ug/l	97
27) cis-1,2-Dichloroethene	7.240	96	41197	7.075	ug/l	91
28) Bromochloromethane	7.581	49	31149	8.539	ug/l #	70
29) Tetrahydrofuran	7.610	42	126268	34.161	ug/l	88
30) Chloroform	7.740	83	65585	6.949	ug/l	97
31) Cyclohexane	8.016	56	76788	8.623	ug/l #	86
32) 1,1,1-Trichloroethane	7.940	97	57636	7.024	ug/l	93
36) 1,1-Dichloropropene	8.145	75	49668	6.786	ug/l	96
37) Ethyl Acetate	7.328	43	76188	6.465	ug/l #	93
38) Carbon Tetrachloride	8.140	117	46225	6.127	ug/l #	81
39) Methylcyclohexane	9.392	83	60273	6.792	ug/l #	84
40) Benzene	8.387	78	155390	6.734	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	35583	6.384	ug/l	91
42) 1,2-Dichloroethane	8.457	62	55441	6.817	ug/l	100
43) Isopropyl Acetate	8.492	43	121034	7.128	ug/l #	93
44) Trichloroethene	9.151	130	35915	6.371	ug/l	94
45) 1,2-Dichloropropane	9.422	63	44848	7.506	ug/l	91
46) Dibromomethane	9.516	93	27710	6.989	ug/l #	79
47) Bromodichloromethane	9.698	83	53092	6.738	ug/l #	91
48) Methyl methacrylate	9.492	41	50518	6.575	ug/l	93
49) 1,4-Dioxane	9.504	88	18595	110.353	ug/l #	87
51) 4-Methyl-2-Pentanone	10.269	43	383701	34.372	ug/l	91
52) Toluene	10.445	92	90162	6.391	ug/l	98
53) t-1,3-Dichloropropene	10.663	75	62543	7.280	ug/l	92
54) cis-1,3-Dichloropropene	10.128	75	64825	6.920	ug/l	92
55) 1,1,2-Trichloroethane	10.839	97	37444	6.094	ug/l	91
56) Ethyl methacrylate	10.698	69	71191	7.120	ug/l #	85
57) 1,3-Dichloropropane	10.986	76	68586	6.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	151692	34.409	ug/l	91
59) 2-Hexanone	11.028	43	287095	33.334	ug/l	88
60) Dibromochloromethane	11.175	129	36558	6.355	ug/l	99
61) 1,2-Dibromoethane	11.280	107	37902	6.285	ug/l	95
64) Tetrachloroethene	10.916	164	26337	6.023	ug/l #	84
65) Chlorobenzene	11.710	112	94534	6.579	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.786	131	33365	6.151	ug/l	90
67) Ethyl Benzene	11.786	91	171760	6.718	ug/l	100
68) m/p-Xylenes	11.892	106	123987	12.422	ug/l	97
69) o-Xylene	12.222	106	64019	6.402	ug/l	97
70) Styrene	12.233	104	106161	6.589	ug/l	99
71) Bromoform	12.398	173	24980	6.142	ug/l #	95
73) Isopropylbenzene	12.522	105	155149	6.664	ug/l	99
74) N-amyl acetate	12.327	43	99878	8.034	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	66154	7.780	ug/l	95
76) 1,2,3-Trichloropropane	12.822	75	46610m	6.369	ug/l	
77) Bromobenzene	12.798	156	33772	6.216	ug/l	78
78) n-propylbenzene	12.863	91	181525	6.978	ug/l	95
79) 2-Chlorotoluene	12.951	91	111915	6.741	ug/l	100
80) 1,3,5-Trimethylbenzene	13.004	105	127564	6.679	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	20889	7.392	ug/l	88
82) 4-Chlorotoluene	13.045	91	102289	6.519	ug/l	96
83) tert-Butylbenzene	13.263	119	118837	6.825	ug/l	94
84) 1,2,4-Trimethylbenzene	13.310	105	131787	6.919	ug/l	96
85) sec-Butylbenzene	13.445	105	154350	6.567	ug/l	95
86) p-Isopropyltoluene	13.557	119	117408	6.214	ug/l	96
87) 1,3-Dichlorobenzene	13.557	146	60493	6.151	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	59281	5.993	ug/l	93
89) n-Butylbenzene	13.886	91	105982	6.739	ug/l	97
90) Hexachloroethane	14.151	117	27252	7.504	ug/l	77
91) 1,2-Dichlorobenzene	13.927	146	62660	6.146	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	15126	6.766	ug/l	67
93) 1,2,4-Trichlorobenzene	15.198	180	27857	5.057	ug/l	91
94) Hexachlorobutadiene	15.304	225	14350	6.013	ug/l	97
95) Naphthalene	15.433	128	110077	4.860	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	27124	4.595	ug/l	96

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

