

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074282.D
 Acq On : 02 Sep 2022 12:35
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 02 14:22:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 14:16:05 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/03/2022
 Supervised By : Mahesh Dadoda 09/06/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	252902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	462204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	397321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	159106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	18627	4.748	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	9.500%#		
35) Dibromofluoromethane	7.951	113	14233	4.732	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.460%#		
50) Toluene-d8	10.380	98	54848	4.631	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.260%#		
62) 4-Bromofluorobenzene	12.668	95	15893	4.412	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.820%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	11507	4.397	ug/l	97
3) Chloromethane	2.269	50	16554	4.491	ug/l	89
4) Vinyl Chloride	2.410	62	32622	8.907	ug/l	96
5) Bromomethane	2.793	94	25357	12.663	ug/l	87
6) Chloroethane	2.957	64	27160	9.666	ug/l	89
7) Trichlorofluoromethane	3.316	101	23775	4.246	ug/l #	82
8) Diethyl Ether	3.763	74	9713	4.079	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.134	101	13711	4.288	ug/l #	87
10) Methyl Iodide	4.340	142	5721	2.217	ug/l #	92
11) Tert butyl alcohol	5.287	59	18480	19.264	ug/l	97
12) 1,1-Dichloroethene	4.110	96	12556	4.235	ug/l #	72
13) Acrolein	3.981	56	12995	14.984	ug/l	95
14) Allyl chloride	4.757	41	18626	2.817	ug/l #	76
15) Acrylonitrile	5.469	53	49421	17.437	ug/l	99
16) Acetone	4.228	43	41232	15.729	ug/l #	88
17) Carbon Disulfide	4.451	76	30074	3.564	ug/l	95
18) Methyl Acetate	4.775	43	25505	3.220	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	50171	4.574	ug/l	98
20) Methylene Chloride	5.016	84	18454	4.127	ug/l #	84
21) trans-1,2-Dichloroethene	5.516	96	15181	4.436	ug/l #	79
22) Diisopropyl ether	6.404	45	46477	3.450	ug/l #	88
23) Vinyl Acetate	6.351	43	193967	17.053	ug/l	100
24) 1,1-Dichloroethane	6.304	63	28383	4.271	ug/l #	84
25) 2-Butanone	7.263	43	69921	16.673	ug/l	94
26) 2,2-Dichloropropane	7.245	77	23778	5.143	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	18936	4.954	ug/l	97
28) Bromochloromethane	7.592	49	13154	4.971	ug/l	82
29) Tetrahydrofuran	7.610	42	43338	16.227	ug/l	97
30) Chloroform	7.739	83	31288	4.618	ug/l	88
31) Cyclohexane	8.022	56	31704	4.891	ug/l #	76
32) 1,1,1-Trichloroethane	7.939	97	26418	5.070	ug/l	95
36) 1,1-Dichloropropene	8.151	75	21998	4.508	ug/l	93
37) Ethyl Acetate	7.339	43	25624	3.140	ug/l #	92
38) Carbon Tetrachloride	8.133	117	21450	4.599	ug/l #	93
39) Methylcyclohexane	9.398	83	24447	4.268	ug/l	90
40) Benzene	8.392	78	67181	4.384	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	12895	3.423	ug/l	93
42) 1,2-Dichloroethane	8.463	62	24693	4.528	ug/l	99
43) Isopropyl Acetate	8.492	43	39538	3.604	ug/l	98
44) Trichloroethene	9.157	130	16611	4.851	ug/l	69
45) 1,2-Dichloropropane	9.422	63	16771	4.054	ug/l #	84
46) Dibromomethane	9.510	93	12580	4.553	ug/l	87
47) Bromodichloromethane	9.698	83	24000	4.432	ug/l	92
48) Methyl methacrylate	9.492	41	17062	3.274	ug/l #	83
49) 1,4-Dioxane	9.510	88	9443	83.987	ug/l #	83
51) 4-Methyl-2-Pentanone	10.269	43	138022	17.334	ug/l	97
52) Toluene	10.439	92	40852	4.523	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	22687	4.419	ug/l	95
54) cis-1,3-Dichloropropene	10.127	75	25481	4.433	ug/l	93
55) 1,1,2-Trichloroethane	10.833	97	17452	4.467	ug/l	87
56) Ethyl methacrylate	10.704	69	24427	4.125	ug/l #	91
57) 1,3-Dichloropropane	10.986	76	29935	4.409	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.980	63	65368	21.822	ug/l	92
59) 2-Hexanone	11.027	43	100206	16.583	ug/l	98
60) Dibromochloromethane	11.174	129	17184	4.696	ug/l	100
61) 1,2-Dibromoethane	11.286	107	17602	4.715	ug/l	99
64) Tetrachloroethene	10.910	164	13486	4.686	ug/l	88
65) Chlorobenzene	11.710	112	45006	5.034	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.774	131	16402	5.161	ug/l	99
67) Ethyl Benzene	11.780	91	79376	4.947	ug/l	97
68) m/p-Xylenes	11.892	106	54889	9.209	ug/l	90
69) o-Xylene	12.216	106	29230	4.922	ug/l	100
70) Styrene	12.233	104	44339	4.686	ug/l	96
71) Bromoform	12.398	173	10503	3.902	ug/l #	96
73) Isopropylbenzene	12.521	105	72404	5.314	ug/l	99
74) N-amyl acetate	12.327	43	28741	3.728	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.763	83	29001	5.132	ug/l	97
76) 1,2,3-Trichloropropane	12.815	75	25413m	5.621	ug/l	
77) Bromobenzene	12.798	156	16963	5.322	ug/l	91
78) n-propylbenzene	12.863	91	78181	5.034	ug/l	97
79) 2-Chlorotoluene	12.945	91	52198	5.487	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	55097	4.972	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	6472	4.222	ug/l #	79
82) 4-Chlorotoluene	13.039	91	43596	4.736	ug/l	100
83) tert-Butylbenzene	13.263	119	51410	5.423	ug/l	100
84) 1,2,4-Trimethylbenzene	13.304	105	56138	5.249	ug/l	98
85) sec-Butylbenzene	13.439	105	70720	5.318	ug/l	99
86) p-Isopropyltoluene	13.551	119	53905	5.210	ug/l	96
87) 1,3-Dichlorobenzene	13.551	146	27446	4.831	ug/l	100
88) 1,4-Dichlorobenzene	13.633	146	28638	4.872	ug/l	84
89) n-Butylbenzene	13.880	91	41988	4.660	ug/l	96
90) Hexachloroethane	14.145	117	11367	5.329	ug/l	76
91) 1,2-Dichlorobenzene	13.921	146	29426	4.913	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	5291	4.685	ug/l	87
93) 1,2,4-Trichlorobenzene	15.192	180	13332	4.551	ug/l	98
94) Hexachlorobutadiene	15.292	225	7080	4.914	ug/l	90
95) Naphthalene	15.433	128	49849	4.737	ug/l	98
96) 1,2,3-Trichlorobenzene	15.621	180	14141	4.659	ug/l	91

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

