

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102022\
 Data File : VN074947.D
 Acq On : 20 Oct 2022 17:16
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 21 03:07:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 03:02:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/21/2022
 Supervised By : Mahesh Dadoda 10/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	460355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	813903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	838309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	495804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	68161	6.163	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	12.320%#		
35) Dibromofluoromethane	8.171	113	49534	5.569	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.140%#		
50) Toluene-d8	10.571	98	183503	5.148	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.300%#		
62) 4-Bromofluorobenzene	12.853	95	65158	6.358	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	12.720%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	41336	5.370	ug/l	96
3) Chloromethane	2.377	50	53545	4.771	ug/l	95
4) Vinyl Chloride	2.524	62	76393	4.313	ug/l	100
5) Bromomethane	2.930	94	71169	4.139	ug/l	98
6) Chloroethane	3.112	64	60562	3.755	ug/l	95
7) Trichlorofluoromethane	3.500	101	76182	6.188	ug/l	92
8) Diethyl Ether	3.965	74	31163	5.708	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.383	101	47994	6.407	ug/l	95
10) Methyl Iodide	4.589	142	56444	5.426	ug/l	99
11) Tert butyl alcohol	5.541	59	73722	28.546	ug/l	100
12) 1,1-Dichloroethene	4.342	96	42255	5.813	ug/l #	90
13) Acrolein	4.200	56	49566	29.239	ug/l	96
14) Allyl chloride	5.036	41	65080	4.895	ug/l	97
15) Acrylonitrile	5.741	53	145999	24.367	ug/l	100
16) Acetone	4.447	43	130776	25.468	ug/l	94
17) Carbon Disulfide	4.730	76	96754	6.074	ug/l	96
18) Methyl Acetate	5.047	43	82635	4.540	ug/l #	70
19) Methyl tert-butyl Ether	5.812	73	163049	5.791	ug/l	96
20) Methylene Chloride	5.283	84	56612	5.453	ug/l #	90
21) trans-1,2-Dichloroethene	5.794	96	47664	5.998	ug/l #	71
22) Diisopropyl ether	6.677	45	137636	4.847	ug/l	89
23) Vinyl Acetate	6.618	43	532889m	23.363	ug/l	
24) 1,1-Dichloroethane	6.583	63	86860	5.229	ug/l #	96
25) 2-Butanone	7.494	43	202876	24.287	ug/l	94
26) 2,2-Dichloropropane	7.500	77	77337	5.861	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	57966	5.738	ug/l	99
28) Bromochloromethane	7.818	49	28379	3.807	ug/l	97
29) Tetrahydrofuran	7.847	42	124750	22.227	ug/l	96
30) Chloroform	7.977	83	92696	5.414	ug/l	97
31) Cyclohexane	8.259	56	76558	5.630	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	82547	5.690	ug/l	93
36) 1,1-Dichloropropene	8.377	75	64925	5.347	ug/l	99
37) Ethyl Acetate	7.571	43	82298m	5.050	ug/l	
38) Carbon Tetrachloride	8.365	117	68533	5.674	ug/l	91
39) Methylcyclohexane	9.606	83	73930	5.352	ug/l	98
40) Benzene	8.612	78	198456	5.099	ug/l	98

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41) Methacrylonitrile	7.788	41	40175	4.690	ug/l	91
42) 1,2-Dichloroethane	8.671	62	79041	6.066	ug/l	99
43) Isopropyl Acetate	8.700	43	118638	4.502	ug/l	97
44) Trichloroethene	9.359	130	49537	5.635	ug/l	100
45) 1,2-Dichloropropane	9.624	63	51321	4.871	ug/l	99
46) Dibromomethane	9.706	93	39583	5.852	ug/l	92
47) Bromodichloromethane	9.888	83	70333	5.183	ug/l #	96
48) Methyl methacrylate	9.682	41	50587	4.290	ug/l	99
49) 1,4-Dioxane	9.700	88	29597	111.879	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	375995	22.050	ug/l	99
52) Toluene	10.629	92	126839	5.295	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	71549	5.138	ug/l #	87
54) cis-1,3-Dichloropropene	10.312	75	75230	5.007	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	52584	5.302	ug/l	91
56) Ethyl methacrylate	10.876	69	74903	4.745	ug/l	95
57) 1,3-Dichloropropane	11.165	76	89252	5.099	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	143955	22.221	ug/l	98
59) 2-Hexanone	11.200	43	285580	22.772	ug/l	97
60) Dibromochloromethane	11.359	129	51138	5.269	ug/l	99
61) 1,2-Dibromoethane	11.465	107	54245	5.641	ug/l	96
64) Tetrachloroethene	11.100	164	36314	5.210	ug/l	85
65) Chlorobenzene	11.894	112	131966	5.545	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	47875	5.429	ug/l	97
67) Ethyl Benzene	11.965	91	228735	5.467	ug/l	96
68) m/p-Xylenes	12.070	106	183319	11.577	ug/l	97
69) o-Xylene	12.400	106	93310	5.670	ug/l	98
70) Styrene	12.417	104	138680	5.416	ug/l	94
71) Bromoform	12.576	173	33415	5.351	ug/l #	98
73) Isopropylbenzene	12.700	105	230160	5.223	ug/l	98
74) N-amyl acetate	12.494	43	89285	4.101	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	86833	5.051	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	75262m	6.040	ug/l	
77) Bromobenzene	12.982	156	50702	5.166	ug/l	97
78) n-propylbenzene	13.035	91	259495	5.248	ug/l	98
79) 2-Chlorotoluene	13.123	91	164859	5.857	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	195619	5.677	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	21049	4.571	ug/l	94
82) 4-Chlorotoluene	13.123	91	164859	5.857	ug/l	99
83) tert-Butylbenzene	13.441	119	173837	5.422	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	192926	5.852	ug/l	98
85) sec-Butylbenzene	13.617	105	232686	5.341	ug/l	99
86) p-Isopropyltoluene	13.729	119	189129	5.738	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	98980	6.049	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	100171	6.097	ug/l	92
89) n-Butylbenzene	14.059	91	155583	5.702	ug/l	95
90) Hexachloroethane	14.335	117	39300	5.671	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	96308	5.837	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17717	6.401	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	41931	5.145	ug/l	90
94) Hexachlorobutadiene	15.506	225	21787	5.227	ug/l	97
95) Naphthalene	15.647	128	172761	5.679	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	43623	5.249	ug/l	90

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

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