

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069252.D
 Acq On : 28 Oct 2021 16:05
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102821

Quant Time: Oct 28 18:04:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021
 Supervised By :Semsettin Yesilyurt 11/01/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	276360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	467653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	440782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	199440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	193431	48.487	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.980%		
35) Dibromofluoromethane	8.021	113	145678	49.972	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.940%		
50) Toluene-d8	10.440	98	595298	51.073	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.140%		
62) 4-Bromofluorobenzene	12.731	95	225624	51.297	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	164450	50.772	ug/l	97
3) Chloromethane	2.303	50	162962	49.303	ug/l	99
4) Vinyl Chloride	2.446	62	190674	47.640	ug/l	98
5) Bromomethane	2.845	94	125405	53.971	ug/l	99
6) Chloroethane	3.014	64	124661	51.767	ug/l	99
7) Trichlorofluoromethane	3.373	101	309535	63.152	ug/l	100
8) Diethyl Ether	3.821	74	92244	52.906	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.205	101	143187	55.073	ug/l	99
10) Methyl Iodide	4.414	142	182200	48.024	ug/l	98
11) Tert butyl alcohol	5.382	59	156086	203.885	ug/l	100
12) 1,1-Dichloroethene	4.175	96	131922	53.071	ug/l	98
13) Acrolein	4.041	56	35089	199.734	ug/l	100
14) Allyl chloride	4.835	41	225646	51.313	ug/l	94
15) Acrylonitrile	5.554	53	393979	234.124	ug/l	98
16) Acetone	4.288	43	409411	240.871	ug/l	100
17) Carbon Disulfide	4.524	76	338265	51.105	ug/l	100
18) Methyl Acetate	4.854	43	269633	46.681	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	504709	51.605	ug/l	98
20) Methylene Chloride	5.095	84	156921	48.132	ug/l	97
21) trans-1,2-Dichloroethene	5.594	96	143625	51.170	ug/l	99
22) Diisopropyl ether	6.498	45	490528	47.941	ug/l	97
23) Vinyl Acetate	6.434	43	1896459	233.647	ug/l	99
24) 1,1-Dichloroethane	6.385	63	274043	52.143	ug/l	99
25) 2-Butanone	7.335	43	570506	219.211	ug/l	97
26) 2,2-Dichloropropane	7.324	77	256772	49.759	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	173402	52.286	ug/l	98
28) Bromochloromethane	7.659	49	128833	48.926	ug/l	96
29) Tetrahydrofuran	7.686	42	357991	214.238	ug/l	97
30) Chloroform	7.818	83	301272	52.732	ug/l	97
31) Cyclohexane	8.094	56	267055	50.018	ug/l	95
32) 1,1,1-Trichloroethane	8.013	97	269131	48.158	ug/l	98
36) 1,1-Dichloropropene	8.220	75	225784	56.002	ug/l	98
37) Ethyl Acetate	7.413	43	223952	48.745	ug/l	99
38) Carbon Tetrachloride	8.206	117	230182	50.051	ug/l	98
39) Methylcyclohexane	9.459	83	285250	57.142	ug/l	98
40) Benzene	8.459	78	660882	54.498	ug/l	100

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41) Methacrylonitrile	7.638	41	116270	51.334	ug/l	98
42) 1,2-Dichloroethane	8.531	62	242490	53.136	ug/l	99
43) Isopropyl Acetate	8.560	43	377158	47.098	ug/l	100
44) Trichloroethene	9.215	130	166459	54.512	ug/l	100
45) 1,2-Dichloropropane	9.491	63	167249	54.173	ug/l	98
46) Dibromomethane	9.577	93	119580	54.516	ug/l	100
47) Bromodichloromethane	9.762	83	235296	50.093	ug/l	100
48) Methyl methacrylate	9.561	41	180987	52.195	ug/l	95
49) 1,4-Dioxane	9.572	88	73119	875.103	ug/l	95
51) 4-Methyl-2-Pentanone	10.331	43	1151405	221.517	ug/l	100
52) Toluene	10.505	92	437663	55.031	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	263573	49.485	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	276572	50.000	ug/l	100
55) 1,1,2-Trichloroethane	10.899	97	171045	53.609	ug/l	98
56) Ethyl methacrylate	10.762	69	278359	47.570	ug/l	98
57) 1,3-Dichloropropane	11.044	76	287528	54.021	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	310033	194.646	ug/l	99
59) 2-Hexanone	11.084	43	860596	216.893	ug/l	99
60) Dibromochloromethane	11.240	129	178082	49.063	ug/l	99
61) 1,2-Dibromoethane	11.347	107	180665	49.593	ug/l	99
64) Tetrachloroethene	10.977	164	152125	54.032	ug/l	99
65) Chlorobenzene	11.771	112	465380	53.650	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	170173	50.765	ug/l	99
67) Ethyl Benzene	11.846	91	872466	55.210	ug/l	99
68) m/p-Xylenes	11.953	106	660487	112.205	ug/l	99
69) o-Xylene	12.280	106	324095	54.705	ug/l	99
70) Styrene	12.296	104	535152	49.711	ug/l	100
71) Bromoform	12.460	173	127613	46.893	ug/l #	100
73) Isopropylbenzene	12.578	105	876494	52.283	ug/l	99
74) N-amyl acetate	12.388	43	315087	47.711	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	256742	47.975	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	245186m	46.742	ug/l	
77) Bromobenzene	12.862	156	192376	48.916	ug/l	99
78) n-propylbenzene	12.921	91	1008137	53.126	ug/l	100
79) 2-Chlorotoluene	13.010	91	606964	50.787	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	730026	52.454	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	80056	45.361	ug/l	94
82) 4-Chlorotoluene	13.106	91	603507	51.199	ug/l	100
83) tert-Butylbenzene	13.324	119	623927	51.383	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	715455	52.560	ug/l	100
85) sec-Butylbenzene	13.503	105	902686	53.656	ug/l	100
86) p-Isopropyltoluene	13.616	119	736222	54.871	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	352797	51.274	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	343045	51.344	ug/l	99
89) n-Butylbenzene	13.943	91	618662	54.448	ug/l	99
90) Hexachloroethane	14.211	117	128871	48.559	ug/l	98
91) 1,2-Dichlorobenzene	13.989	146	334607	49.916	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.603	75	46722	42.369	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	160964	49.710	ug/l	100
94) Hexachlorobutadiene	15.370	225	87290	52.917	ug/l	98
95) Naphthalene	15.507	128	434937	44.060	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	153607	48.616	ug/l	100

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

