Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110921\
Data File : VN069415.D
Acq On : 9 Nov 2021 10:30
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 09 13:44:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 13:40:38 2021
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.086	168	972628	50.000	ug/l	#	0.00
34) 1,4-Difluorobenzene	8.968	114	1686254	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.747	117	1511415	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	548286	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.437	65	70450	6.460	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	12.920%#			
35) Dibromofluoromethane	8.021	113	46871	5.173	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	10.340%#			
50) Toluene-d8	10.440	98	177100	4.967	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	9.940%#			
62) 4-Bromofluorobenzene	12.731	95	60179	4.809	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	9.620%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.073	85	46987	5.395	ug/l		99
3) Chloromethane	2.303	50	58719	6.314	ug/l		100
4) Vinyl Chloride	2.448	62	57614	5.331	ug/l		97
5) Bromomethane	2.842	94	42075	4.837	ug/l		93
6) Chloroethane	3.011	64	40902	5.526	ug/l		97
7) Trichlorofluoromethane	3.371	101	90322	4.692	ug/l		99
8) Diethyl Ether	3.827	74	29577	6.079	ug/l		90
9) 1,1,2-Trichlorotrifluo...	4.205	101	43817	5.773	ug/l	#	81
10) Methyl Iodide	4.414	142	45291	4.743	ug/l		100
11) Tert butyl alcohol	5.380	59	54039	27.780	ug/l	#	82
12) 1,1-Dichloroethene	4.178	96	38034	5.433	ug/l		88
13) Acrolein	4.041	56	14749	41.067	ug/l		98
14) Allyl chloride	4.838	41	75901	5.862	ug/l		97
15) Acrylonitrile	5.559	53	145915	29.465	ug/l		99
16) Acetone	4.296	43	169616	30.587	ug/l		93
17) Carbon Disulfide	4.524	76	81536	5.131	ug/l		99
18) Methyl Acetate	4.857	43	118742	6.419	ug/l	#	90
19) Methyl tert-butyl Ether	5.618	73	157390	5.690	ug/l		98
20) Methylene Chloride	5.093	84	53788	5.746	ug/l		88
21) trans-1,2-Dichloroethene	5.597	96	41369	5.362	ug/l	#	84
22) Diisopropyl ether	6.498	45	177385	6.414	ug/l		96
23) Vinyl Acetate	6.436	43	635941m	29.824	ug/l		
24) 1,1-Dichloroethane	6.388	63	91578	6.019	ug/l		97
25) 2-Butanone	7.337	43	229458	31.215	ug/l		90
26) 2,2-Dichloropropane	7.324	77	65988	5.173	ug/l		98
27) cis-1,2-Dichloroethene	7.324	96	51066	5.330	ug/l		85
28) Bromochloromethane	7.654	49	51901	6.469	ug/l	#	79
29) Tetrahydrofuran	7.691	42	141175	30.967	ug/l		89
30) Chloroform	7.817	83	93195	5.663	ug/l		97
31) Cyclohexane	8.091	56	111270	7.184	ug/l	#	82
32) 1,1,1-Trichloroethane	8.011	97	73658	5.211	ug/l		95
36) 1,1-Dichloropropene	8.222	75	63421	4.965	ug/l		96
37) Ethyl Acetate	7.415	43	82280	5.330	ug/l		97
38) Carbon Tetrachloride	8.201	117	58154	4.515	ug/l		99
39) Methylcyclohexane	9.459	83	79096	4.923	ug/l		93
40) Benzene	8.458	78	200888	5.110	ug/l		96

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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.638	41	41499	5.582	ug/l		92
42) 1,2-Dichloroethane	8.531	62	79831	5.464	ug/l		97
43) Isopropyl Acetate	8.563	43	136122	5.663	ug/l	#	92
44) Trichloroethene	9.217	130	48615	4.736	ug/l		100
45) 1,2-Dichloropropane	9.491	63	53474	5.263	ug/l		97
46) Dibromomethane	9.577	93	35631	5.029	ug/l	#	87
47) Bromodichloromethane	9.762	83	62272	4.816	ug/l		92
48) Methyl methacrylate	9.561	41	62401	5.746	ug/l		86
49) 1,4-Dioxane	9.569	88	23606	100.058	ug/l	#	91
51) 4-Methyl-2-Pentanone	10.330	43	423059	27.114	ug/l		95
52) Toluene	10.505	92	122510	4.867	ug/l		99
53) t-1,3-Dichloropropene	10.717	75	58129	4.344	ug/l		99
54) cis-1,3-Dichloropropene	10.191	75	67219	4.581	ug/l	#	89
55) 1,1,2-Trichloroethane	10.899	97	48337	4.747	ug/l		94
56) Ethyl methacrylate	10.762	69	75052	4.869	ug/l	#	85
57) 1,3-Dichloropropane	11.044	76	87792	5.147	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.041	63	76439	22.518	ug/l		90
59) 2-Hexanone	11.087	43	304636	26.301	ug/l		90
60) Dibromochloromethane	11.240	129	38008	3.961	ug/l		95
61) 1,2-Dibromoethane	11.347	107	47467	4.585	ug/l		98
64) Tetrachloroethene	10.974	164	43576	4.685	ug/l		93
65) Chlorobenzene	11.771	112	130052	4.829	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.840	131	40967	4.326	ug/l		96
67) Ethyl Benzene	11.846	91	235816	4.991	ug/l		94
68) m/p-Xylenes	11.956	106	170995	10.455	ug/l		94
69) o-Xylene	12.283	106	83319	4.678	ug/l		90
70) Styrene	12.296	104	126529	4.503	ug/l		95
71) Bromoform	12.457	173	23805	3.489	ug/l	#	96
73) Isopropylbenzene	12.581	105	212297	5.399	ug/l		99
74) N-amyl acetate	12.390	43	82151	5.862	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.827	83	73676	5.804	ug/l		99
76) 1,2,3-Trichloropropane	12.881	75	65796m	5.569	ug/l		
77) Bromobenzene	12.865	156	47469	4.886	ug/l		77
78) n-propylbenzene	12.921	91	232804	5.447	ug/l		97
79) 2-Chlorotoluene	13.010	91	152455	5.758	ug/l		91
80) 1,3,5-Trimethylbenzene	13.061	105	173370	5.524	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.629	75	12328	4.112	ug/l	#	65
82) 4-Chlorotoluene	13.106	91	138817	5.534	ug/l		91
83) tert-Butylbenzene	13.326	119	147809	5.136	ug/l		91
84) 1,2,4-Trimethylbenzene	13.369	105	165152	5.437	ug/l		95
85) sec-Butylbenzene	13.503	105	205014	5.336	ug/l		95
86) p-Isopropyltoluene	13.616	119	157628	5.058	ug/l		96
87) 1,3-Dichlorobenzene	13.619	146	83442	5.025	ug/l		97
88) 1,4-Dichlorobenzene	13.696	146	80861	4.916	ug/l		89
89) n-Butylbenzene	13.943	91	126149	5.173	ug/l		97
90) Hexachloroethane	14.209	117	22943	4.572	ug/l		79
91) 1,2-Dichlorobenzene	13.989	146	78649	4.827	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.605	75	9762	4.817	ug/l		72
93) 1,2,4-Trichlorobenzene	15.268	180	28227	3.800	ug/l		94
94) Hexachlorobutadiene	15.373	225	20125	4.359	ug/l		98
95) Naphthalene	15.509	128	61327	3.049	ug/l		99
96) 1,2,3-Trichlorobenzene	15.702	180	26814	3.668	ug/l		94

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

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

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