Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100621\
Data File : VN068813.D
Acq On : 6 Oct 2021 12:26
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 06 13:47:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 13:47:13 2021
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.086	168	428654	50.00	ug/l	#	0.00
34) 1,4-Difluorobenzene	8.968	114	734917	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.746	117	683707	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	264799	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.437	65	30422	4.94	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 9.88%#				
35) Dibromofluoromethane	8.021	113	23308	4.98	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 9.96%#				
50) Toluene-d8	10.443	98	83820	4.84	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 9.68%#				
62) 4-Bromofluorobenzene	12.731	95	26886	4.51	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 9.02%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.073	85	27293	5.91	ug/l		96
3) Chloromethane	2.303	50	30165	5.90	ug/l		94
4) Vinyl Chloride	2.445	62	50835	5.38	ug/l		100
5) Bromomethane	2.840	94	52445	6.70	ug/l		95
6) Chloroethane	3.011	64	41778	5.24	ug/l		95
7) Trichlorofluoromethane	3.373	101	45303	5.56	ug/l		100
8) Diethyl Ether	3.827	74	13352	5.20	ug/l		89
9) 1,1,2-Trichlorotrifluo...	4.213	101	23501	5.06	ug/l	#	78
10) Methyl Iodide	4.427	142	27619	6.75	ug/l		95
11) Tert butyl alcohol	5.366	59	18742	23.57	ug/l	#	85
12) 1,1-Dichloroethene	4.181	96	22187m	5.58	ug/l		
13) Acrolein	4.038	56	11730m	59.66	ug/l		
14) Allyl chloride	4.840	41	32524	5.25	ug/l	#	76
15) Acrylonitrile	5.556	53	51892	23.34	ug/l		97
16) Acetone	4.285	43	59253	8.53	ug/l		99
17) Carbon Disulfide	4.532	76	60182	6.81	ug/l	#	93
18) Methyl Acetate	4.856	43	35710	5.02	ug/l		98
19) Methyl tert-butyl Ether	5.615	73	76073	4.82	ug/l		99
20) Methylene Chloride	5.098	84	29089	5.65	ug/l	#	80
21) trans-1,2-Dichloroethene	5.599	96	24713	5.56	ug/l		82
22) Diisopropyl ether	6.495	45	70240	4.81	ug/l	#	95
23) Vinyl Acetate	6.433	43	271687	23.59	ug/l		95
24) 1,1-Dichloroethane	6.391	63	44832	5.04	ug/l		95
25) 2-Butanone	7.335	43	78199	23.64	ug/l		92
26) 2,2-Dichloropropane	7.332	77	41756	4.99	ug/l		95
27) cis-1,2-Dichloroethene	7.329	96	29168	5.09	ug/l		87
28) Bromochloromethane	7.659	49	21446	5.18	ug/l	#	79
29) Tetrahydrofuran	7.686	42	44256	21.71	ug/l		90
30) Chloroform	7.817	83	51761	4.96	ug/l		95
31) Cyclohexane	8.094	56	49860	6.67	ug/l	#	78
32) 1,1,1-Trichloroethane	8.016	97	44788	4.83	ug/l	#	83
36) 1,1-Dichloropropene	8.222	75	34984	5.14	ug/l		94
37) Ethyl Acetate	7.412	43	27257	4.22	ug/l	#	80
38) Carbon Tetrachloride	8.209	117	40742	5.05	ug/l		98
39) Methylcyclohexane	9.464	83	40355	5.16	ug/l		96
40) Benzene	8.461	78	107815	5.20	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.640	41	14329	4.66	ug/l	#	86
42) 1,2-Dichloroethane	8.531	62	42921	5.27	ug/l		100
43) Isopropyl Acetate	8.558	43	52235	4.43	ug/l		95
44) Trichloroethene	9.215	130	27434	4.98	ug/l		87
45) 1,2-Dichloropropane	9.494	63	26219	4.89	ug/l		96
46) Dibromomethane	9.579	93	21052	5.13	ug/l		95
47) Bromodichloromethane	9.762	83	38822	4.70	ug/l	#	94
48) Methyl methacrylate	9.561	41	22111	4.46	ug/l		87
49) 1,4-Dioxane	9.571	88	10262	123.96	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.330	43	160772	22.47	ug/l		99
52) Toluene	10.507	92	68392	4.97	ug/l		99
53) t-1,3-Dichloropropene	10.722	75	37545	4.52	ug/l		96
54) cis-1,3-Dichloropropene	10.191	75	40116	4.58	ug/l		95
55) 1,1,2-Trichloroethane	10.899	97	27255	4.63	ug/l		93
56) Ethyl methacrylate	10.762	69	32340	4.17	ug/l		95
57) 1,3-Dichloropropane	11.046	76	43984	4.78	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.043	63	39355	25.26	ug/l		91
59) 2-Hexanone	11.087	43	120673	24.43	ug/l		99
60) Dibromochloromethane	11.240	129	28699	4.64	ug/l		99
61) 1,2-Dibromoethane	11.347	107	27880	4.85	ug/l		99
64) Tetrachloroethene	10.977	164	25617	5.13	ug/l		95
65) Chlorobenzene	11.771	112	77466	5.06	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.843	131	27153	4.59	ug/l		99
67) Ethyl Benzene	11.846	91	130205	4.84	ug/l		98
68) m/p-Xylenes	11.956	106	98445	9.85	ug/l		86
69) o-Xylene	12.283	106	47447	4.79	ug/l		84
70) Styrene	12.296	104	73494	4.67	ug/l		93
71) Bromoform	12.457	173	18319	4.38	ug/l	#	96
73) Isopropylbenzene	12.581	105	121681	5.18	ug/l		97
74) N-amyl acetate	12.390	43	40216	5.35	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.830	83	37860	5.26	ug/l		99
76) 1,2,3-Trichloropropane	12.884	75	31171m	5.32	ug/l		
77) Bromobenzene	12.865	156	27808	5.20	ug/l		73
78) n-propylbenzene	12.921	91	136900	5.16	ug/l		96
79) 2-Chlorotoluene	13.010	91	83439	5.41	ug/l		91
80) 1,3,5-Trimethylbenzene	13.061	105	98031	5.24	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.631	75	9376	4.69	ug/l		98
82) 4-Chlorotoluene	13.109	91	81884	5.30	ug/l		93
83) tert-Butylbenzene	13.326	119	85604	5.17	ug/l		89
84) 1,2,4-Trimethylbenzene	13.372	105	92777	5.07	ug/l		92
85) sec-Butylbenzene	13.503	105	121224	5.10	ug/l		98
86) p-Isopropyltoluene	13.618	119	93321	4.96	ug/l		97
87) 1,3-Dichlorobenzene	13.618	146	50827	5.13	ug/l		95
88) 1,4-Dichlorobenzene	13.696	146	53703	5.46	ug/l		99
89) n-Butylbenzene	13.943	91	82971	5.02	ug/l		97
90) Hexachloroethane	14.211	117	18999	4.94	ug/l		98
91) 1,2-Dichlorobenzene	13.991	146	50059	5.23	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	6032	4.91	ug/l		70
93) 1,2,4-Trichlorobenzene	15.268	180	24722	5.81	ug/l		95
94) Hexachlorobutadiene	15.375	225	12916	5.29	ug/l		98
95) Naphthalene	15.509	128	64352	6.19	ug/l		99
96) 1,2,3-Trichlorobenzene	15.700	180	24552	6.01	ug/l		98

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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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