Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042121\
Data File : VN066696.D
Acq On : 21 Apr 2021 13:01
Operator : JC/MD
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : IBLK

Quant Time: Apr 21 16:00:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 21 14:58:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.591	168	318668	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.519	114	494046	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.348	117	442882	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	190751	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.953	65	187192	48.08	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.16%				
35) Dibromofluoromethane	7.513	113	150877	48.77	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.54%				
50) Toluene-d8	10.029	98	601417	49.85	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.70%				
62) 4-Bromofluorobenzene	12.349	95	197458	47.79	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.58%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.835	85	820	0.22	ug/l		95
3) Chloromethane	2.037	50	2108	0.88	ug/l		91
5) Bromomethane	2.527	94	1679	0.65	ug/l		85
11) Tert butyl alcohol	4.673	59	935	1.90	ug/l	#	73
13) Acrolein	3.552	56	1917	3.52	ug/l	#	60
15) Acrylonitrile	4.912	53	980	0.56	ug/l	#	84
16) Acetone	3.758	43	3247	Below Cal			90
17) Carbon Disulfide	3.984	76	11185	1.94	ug/l		97
18) Methyl Acetate	4.268	43	2331	0.55	ug/l	#	63
20) Methylene Chloride	4.472	84	1195	0.42	ug/l	#	80
25) 2-Butanone	6.765	43	2845	1.31	ug/l		98
29) Tetrahydrofuran	7.130	42	930	0.63	ug/l	#	77
31) Cyclohexane	7.594	56	7278	1.15	ug/l	#	6
36) 1,1-Dichloropropene	7.717	75	1575	0.33	ug/l	#	69
38) Carbon Tetrachloride	7.594	117	28515	6.26	ug/l	#	17
39) Methylcyclohexane	9.015	83	1564	0.28	ug/l		91
41) Methacrylonitrile	7.089	41	463	1.86	ug/l	#	100
42) 1,2-Dichloroethane	8.047	62	1052	0.22	ug/l	#	74
44) Trichloroethene	8.771	130	1377	0.37	ug/l		99
46) Dibromomethane	9.152	93	611	0.25	ug/l	#	74
48) Methyl methacrylate	9.149	41	794	0.23	ug/l	#	59
49) 1,4-Dioxane	9.146	88	777	18.10	ug/l	#	86
51) 4-Methyl-2-Pentanone	9.927	43	9875	2.24	ug/l		87
52) Toluene	10.099	92	2010	0.22	ug/l		95
53) t-1,3-Dichloropropene	10.324	75	1437	0.27	ug/l		96
56) Ethyl methacrylate	10.372	69	1314	3.32	ug/l	#	70
58) 2-Chloroethyl Vinyl ether	9.648	63	139	22.34	ug/l	#	47
59) 2-Hexanone	10.710	43	5672	17.95	ug/l		86
64) Tetrachloroethene	10.568	164	1640	0.51	ug/l		87
65) Chlorobenzene	11.375	112	4085	0.43	ug/l		92
67) Ethyl Benzene	11.456	91	5229	0.32	ug/l		95
68) m/p-Xylenes	11.574	106	4631	0.77	ug/l		81
69) o-Xylene	11.893	106	1926	0.33	ug/l		90
70) Styrene	11.928	104	3722	3.22	ug/l		95
73) Isopropylbenzene	12.196	105	6024	0.43	ug/l		100
74) N-amyl acetate	12.024	43	109	17.92	ug/l	#	42

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
75) 1,1,2,2-Tetrachloroethane	12.456	83	3921	0.82	ug/l	#	89
76) 1,2,3-Trichloropropane	12.346	75	95102	23.00	ug/l	#	100
77) Bromobenzene	12.475	156	2780	0.76	ug/l		80
78) n-propylbenzene	12.547	91	11222	0.72	ug/l		97
79) 2-Chlorotoluene	12.622	91	4609	0.48	ug/l		83
80) 1,3,5-Trimethylbenzene	12.684	105	6800	0.57	ug/l		92
81) trans-1,4-Dichloro-2-b...	12.346	75	95102	69.00	ug/l	#	12
82) 4-Chlorotoluene	12.740	91	7344	0.77	ug/l		88
83) tert-Butylbenzene	12.939	119	5857	0.58	ug/l		98
84) 1,2,4-Trimethylbenzene	12.990	105	10187	0.88	ug/l		100
85) sec-Butylbenzene	13.118	105	10715	0.81	ug/l		96
86) p-Isopropyltoluene	13.236	119	12712	1.11	ug/l		97
87) 1,3-Dichlorobenzene	13.234	146	7879	1.24	ug/l		96
88) 1,4-Dichlorobenzene	13.234	146	7879	2.51	ug/l		98
89) n-Butylbenzene	13.572	91	30184	5.60	ug/l		90
90) Hexachloroethane	13.808	117	538	0.22	ug/l		87
91) 1,2-Dichlorobenzene	13.612	146	9621	2.25	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.231	75	2745	3.95	ug/l	#	68
93) 1,2,4-Trichlorobenzene	14.856	180	27871	9.00	ug/l		96
94) Hexachlorobutadiene	14.948	225	4069	2.55	ug/l		95
95) Naphthalene	15.074	128	175765	20.12	ug/l		98
96) 1,2,3-Trichlorobenzene	15.251	180	36725	11.33	ug/l		98

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

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