Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
Data File : BG044697.D
Acq On : 6 Mar 2020 14:38
Operator : CG/JU
Sample : L1161-07
Misc : LOD-MDL-WATER 8PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2020

Quant Time: Mar 07 04:47:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 03:42:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	68572	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	284184	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	204578	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	459903	20.00	ng		0.00
76) Chrysene-d12	21.71	240	431968	20.00	ng		0.00
87) Perylene-d12	24.94	264	481406	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	641854	140.58	ng		0.00
7) Phenol-d6	7.21	99	947485	137.29	ng		0.00
23) Nitrobenzene-d5	9.22	82	666233	106.74	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	420142	149.51	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1405548	95.71	ng		0.00
79) Terphenyl-d14	20.06	244	2218190	91.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	15810	7.224	ng		100
3) Pyridine	3.93	79	38536	5.679	ng		95
4) n-Nitrosodimethylamine	3.84	42	18255	6.360	ng	#	88
6) Aniline	7.38	93	63707	7.369	ng		97
8) 2-Chlorophenol	7.62	128	33600	7.261	ng		93
9) Benzaldehyde	7.19	77	42960	10.605	ng		94
10) Phenol	7.24	94	48526	7.138	ng		88
11) bis(2-Chloroethyl)ether	7.48	93	38403	7.351	ng		95
12) 1,3-Dichlorobenzene	7.95	146	39832	7.238	ng		94
13) 1,4-Dichlorobenzene	8.09	146	38528	7.007	ng		95
14) 1,2-Dichlorobenzene	8.42	146	36824	7.085	ng		97
15) Benzyl Alcohol	8.29	79	38776	6.513	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	70070	7.100	ng		97
17) 2-Methylphenol	8.49	107	32985	7.081	ng		92
18) Hexachloroethane	9.15	117	16588	7.522	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	40297	7.816	ng	#	88
20) 3+4-Methylphenols	8.82	107	45034	6.940	ng		99
22) Acetophenone	8.88	105	66988	8.075	ng		99
24) Nitrobenzene	9.26	77	54690	8.264	ng		94
25) Isophorone	9.79	82	102443	7.443	ng	#	94
26) 2-Nitrophenol	9.97	139	15951	7.371	ng		87
27) 2,4-Dimethylphenol	10.03	122	35652	8.256	ng		93
28) bis(2-Chloroethoxy)methane	10.27	93	53247	6.871	ng		97
29) 2,4-Dichlorophenol	10.51	162	34172	6.955	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	40074	7.021	ng		93
31) Naphthalene	10.92	128	121573	7.623	ng		98
32) Benzoic acid	10.09	122	9955	3.287	ng		90
33) 4-Chloroaniline	11.01	127	53324	7.259	ng		95
34) Hexachlorobutadiene	11.22	225	26773	6.866	ng		96
35) Caprolactam	11.76	113	14617	7.126	ng	#	89
36) 4-Chloro-3-methylphenol	12.12	107	45326	7.284	ng		94
37) 2-Methylnaphthalene	12.52	142	94197	7.827	ng		94
38) 1-Methylnaphthalene	12.74	142	91823	8.071	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	48515	7.305	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	29915	7.703	ng		87
43) 2,4,6-Trichlorophenol	13.12	196	30833	6.697	ng		92
44) 2,4,5-Trichlorophenol	13.19	196	32978	6.984	ng		96
46) 1,1'-Biphenyl	13.53	154	124404	7.646	ng		100
47) 2-Chloronaphthalene	13.57	162	92188	7.428	ng		99
48) 2-Nitroaniline	13.75	65	27820	6.646	ng		88
49) Acenaphthylene	14.42	152	154435	7.766	ng		99
50) Dimethylphthalate	14.15	163	125753	7.394	ng		97
51) 2,6-Dinitrotoluene	14.25	165	20955	6.857	ng		98
52) Acenaphthene	14.76	154	94105	7.319	ng		97
53) 3-Nitroaniline	14.57	138	24147	6.856	ng		93
54) 2,4-Dinitrophenol	14.77	184	8113	5.718	ng	#	1
55) Dibenzofuran	15.09	168	148222	7.693	ng		99
56) 4-Nitrophenol	14.87	139	20577	7.509	ng	#	83
57) 2,4-Dinitrotoluene	15.04	165	28124	6.887	ng	#	88
58) Fluorene	15.74	166	121356	7.616	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	30801	6.854	ng	#	90
60) Diethylphthalate	15.52	149	135879	7.473	ng		96
61) 4-Chlorophenyl-phenylether	15.74	204	63966	7.398	ng		98
62) 4-Nitroaniline	15.73	138	27198	7.011	ng		89
63) Azobenzene	16.03	77	147977	7.776	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	12386	6.592	ng		82
66) n-Nitrosodiphenylamine	15.94	169	110060	7.827	ng		97
67) 4-Bromophenyl-phenylether	16.63	248	41101	7.086	ng		92
68) Hexachlorobenzene	16.75	284	45065	7.195	ng		95
69) Atrazine	16.90	200	46205	8.503	ng		93
70) Pentachlorophenol	17.09	266	23813	6.701	ng	#	83
71) Phenanthrene	17.48	178	202218	8.019	ng		96
72) Anthracene	17.57	178	205648	8.280	ng		99
73) Carbazole	17.84	167	191531	8.052	ng		93
74) Di-n-butylphthalate	18.41	149	233296	7.787	ng		96
75) Fluoranthene	19.49	202	247972	8.136	ng		96
77) Benzidine	19.66	184	141649	8.215	ng		97
78) Pyrene	19.85	202	249900	7.585	ng		97
80) Butylbenzylphthalate	20.75	149	102362	6.960	ng		100
81) Benzo(a)anthracene	21.70	228	247872	7.652	ng		96
82) 3,3'-Dichlorobenzidine	21.61	252	107040	8.299	ng		99
83) Chrysene	21.76	228	240035	7.785	ng		97
84) Bis(2-ethylhexyl)phthalate	21.63	149	156297	7.621	ng		99
85) Di-n-octyl phthalate	22.87	149	273091	7.754	ng		99
86) Indeno(1,2,3-cd)pyrene	28.60	276	319215	7.839	ng	#	92
88) Benzo(b)fluoranthene	23.92	252	255179	7.788	ng		97
89) Benzo(k)fluoranthene	23.98	252	246744	8.034	ng		98
90) Benzo(a)pyrene	24.79	252	230799	7.563	ng		96
91) Dibenzo(a,h)anthracene	28.68	278	266743	8.766	ng		95
92) Benzo(g,h,i)perylene	29.73	276	274996	9.022	ng		98

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

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