Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
Data File : BG036621.D
Acq On : 8 Sep 2018 7:20
Operator : JU/SJ
Sample : J4774-02MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-090618MS

Manual Integrations APPROVED
Sohil
9/10/2018 11:05:47 AM

Quant Time: Sep 10 01:24:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	51444	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	222270	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	152077	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	401187	20.00	ng	0.00
75) Chrysene-d12	21.69	240	409383	20.00	ng	0.00
86) Perylene-d12	24.90	264	427889	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	344647	106.27	ng	0.00
7) Phenol-d6	7.21	99	439495	94.65	ng	0.00
23) Nitrobenzene-d5	9.22	82	337293	82.33	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	234809	129.40	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	767736	72.08	ng	0.00
78) Terphenyl-d14	20.03	244	1409006	80.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	47364	31.295	ng	# 85
3) Pyridine	3.94	79	135834	31.974	ng	97
4) n-Nitrosodimethylamine	3.85	42	73423	38.803	ng	98
6) Aniline	7.38	93	132405	22.465	ng	98
8) 2-Chlorophenol	7.62	128	151672	43.127	ng	95
9) Benzaldehyde	7.19	77	82749	25.880	ng	98
10) Phenol	7.24	94	175085	36.033	ng	96
11) bis(2-Chloroethyl)ether	7.48	93	150995	39.197	ng	98
12) 1,3-Dichlorobenzene	7.95	146	156177	38.891	ng	97
13) 1,4-Dichlorobenzene	8.09	146	158198	39.019	ng	97
14) 1,2-Dichlorobenzene	8.41	146	150128	38.772	ng	97
15) Benzyl Alcohol	8.29	79	151674	40.521	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	286856	36.925	ng	97
17) 2-Methylphenol	8.49	107	135360	41.953	ng	98
18) Hexachloroethane	9.14	117	58848	40.483	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	127388	36.710	ng	97
20) 3+4-Methylphenols	8.82	107	189482	42.065	ng	98
22) Acetophenone	8.87	105	240883	41.270	ng	99
24) Nitrobenzene	9.26	77	194445	44.017	ng	97
25) Isophorone	9.78	82	367268	45.129	ng	97
26) 2-Nitrophenol	9.97	139	85640	48.923	ng	97
27) 2,4-Dimethylphenol	10.03	122	156162	48.185	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	214138	42.874	ng	99
29) 2,4-Dichlorophenol	10.50	162	170861	48.105	ng	94
30) 1,2,4-Trichlorobenzene	10.72	180	170483	41.030	ng	99
31) Naphthalene	10.91	128	511688	46.052	ng	99
32) Benzoic acid	10.08	122	11182m	8.699	ng	
33) 4-Chloroaniline	11.01	127	36089	7.088	ng	97
34) Hexachlorobutadiene	11.20	225	117348	42.034	ng	96
35) Caprolactam	11.78	113	46471	32.844	ng	94
36) 4-Chloro-3-methylphenol	12.13	107	193363	46.852	ng	97
37) 2-Methylnaphthalene	12.51	142	383800	47.208	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	220198	40.915	ng	99
40) Hexachlorocyclopentadiene	12.86	237	238001	84.995	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	150915	46.034	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	165447	47.315	ng		98
45) 1,1'-Biphenyl	13.52	154	501110	39.696	ng		97
46) 2-Chloronaphthalene	13.56	162	391153	40.589	ng		100
47) 2-Nitroaniline	13.76	65	147397	48.707	ng		99
48) Acenaphthylene	14.40	152	667935	44.348	ng		99
49) Dimethylphthalate	14.13	163	540819	43.551	ng		99
50) 2,6-Dinitrotoluene	14.25	165	122026	47.755	ng		95
51) Acenaphthene	14.74	154	403911	41.874	ng		99
52) 3-Nitroaniline	14.58	138	76465	27.769	ng	#	96
53) 2,4-Dinitrophenol	14.78	184	13800	14.258	ng		91
54) Dibenzofuran	15.08	168	647366	42.838	ng		99
55) 4-Nitrophenol	14.88	139	119860	53.237	ng		98
56) 2,4-Dinitrotoluene	15.04	165	172810	51.890	ng		88
57) Fluorene	15.73	166	528818	46.810	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	152129	46.306	ng		96
59) Diethylphthalate	15.50	149	544880	43.539	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	298275	42.758	ng		99
61) 4-Nitroaniline	15.74	138	134481	46.671	ng		96
62) Azobenzene	16.01	77	536786	42.156	ng		99
64) 4,6-Dinitro-2-methylphenol	15.80	198	23230	13.181	ng		87
65) n-Nitrosodiphenylamine	15.93	169	487822	40.922	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	202275	43.064	ng		99
67) Hexachlorobenzene	16.73	284	209070	43.530	ng		96
68) Atrazine	16.88	200	215475	48.157	ng		99
69) Pentachlorophenol	17.07	266	97707	29.932	ng		95
70) Phenanthrene	17.46	178	922036	45.230	ng		99
71) Anthracene	17.56	178	930932	45.812	ng		99
72) Carbazole	17.82	167	822557	40.532	ng		100
73) Di-n-butylphthalate	18.38	149	951740	42.115	ng		99
74) Fluoranthene	19.47	202	1132795	45.578	ng		99
76) Benzidine	19.64	184	210272	16.099	ng		99
77) Pyrene	19.83	202	1121291	44.541	ng		99
79) Butylbenzylphthalate	20.72	149	439176	43.835	ng		92
80) Benzo(a)anthracene	21.67	228	1123587	45.304	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	201847	20.421	ng		99
82) Chrysene	21.74	228	1056950	44.961	ng		99
83) Bis(2-ethylhexyl)phthalate	21.58	149	601612	42.911	ng		98
84) Di-n-octyl phthalate	22.79	149	1022545	43.666	ng		97
85) Indeno(1,2,3-cd)pyrene	28.55	276	1168973	42.813	ng	#	94
87) Benzo(b)fluoranthene	23.88	252	1127260	47.442	ng		97
88) Benzo(k)fluoranthene	23.95	252	1077048	46.398	ng		99
89) Benzo(a)pyrene	24.75	252	1082386	47.406	ng		99
90) Dibenzo(a,h)anthracene	28.62	278	842360	38.216	ng		98
91) Benzo(g,h,i)perylene	29.69	276	908479	41.013	ng		96

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

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