Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032218\
Data File : BG033297.D
Acq On : 22 Mar 2018 16:42
Operator : SJ/JU
Sample : J1756-08MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMSD

Manual Integrations APPROVED
Sohil
3/23/2018 3:45:28 PM

Quant Time: Mar 22 18:03:05 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 22 17:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	40685	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	178082	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	138158	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	353548	20.00	ng		0.00
75) Chrysene-d12	22.60	240	353075	20.00	ng		0.00
86) Perylene-d12	26.40	264	372170	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.31	112	360108	165.97	ng		0.00
7) Phenol-d6	8.00	99	526333	141.18	ng		0.00
23) Nitrobenzene-d5	10.09	82	377259	97.33	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	320013	154.87	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	913480	95.45	ng		0.00
78) Terphenyl-d14	20.76	244	1676033	101.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	42453	38.528	ng	#	84
3) Pyridine	4.42	79	100130	32.873	ng		96
4) n-Nitrosodimethylamine	4.32	42	67677	54.141	ng	#	93
6) Aniline	8.19	93	40234	9.177	ng		99
8) 2-Chlorophenol	8.44	128	139233	56.132	ng		94
9) Benzaldehyde	7.99	77	41985m	17.721	ng		
10) Phenol	8.03	94	186391	50.640	ng		90
11) bis(2-Chloroethyl)ether	8.27	93	140067	46.622	ng		97
12) 1,3-Dichlorobenzene	8.78	146	146044	45.034	ng		95
13) 1,4-Dichlorobenzene	8.93	146	157523	48.502	ng		90
14) 1,2-Dichlorobenzene	9.26	146	146829	46.321	ng		96
15) Benzyl Alcohol	9.13	79	162835	55.476	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.41	45	230581	47.080	ng		88
17) 2-Methylphenol	9.32	107	138433m	55.209	ng		
18) Hexachloroethane	10.01	117	58143	46.385	ng		98
19) n-Nitroso-di-n-propylamine	9.70	70	132917	48.656	ng		96
20) 3+4-Methylphenols	9.66	107	183249	51.329	ng		87
22) Acetophenone	9.74	105	237237	48.626	ng	#	95
24) Nitrobenzene	10.13	77	206952	49.882	ng	#	89
25) Isophorone	10.65	82	400347	53.217	ng		98
26) 2-Nitrophenol	10.86	139	84898	54.051	ng	#	84
27) 2,4-Dimethylphenol	10.89	122	146711	64.297	ng		93
28) bis(2-Chloroethoxy)methane	11.13	93	206162	54.925	ng		99
29) 2,4-Dichlorophenol	11.40	162	164856	58.748	ng		97
30) 1,2,4-Trichlorobenzene	11.63	180	170087	46.652	ng		99
31) Naphthalene	11.83	128	467908	50.704	ng		97
32) Benzoic acid	11.04	122	96685	45.581	ng		93
33) 4-Chloroaniline	11.93	127	28161	6.811	ng	#	95
34) Hexachlorobutadiene	12.09	225	124482	45.150	ng		95
35) Caprolactam	12.68	113	48272	43.910	ng		98
36) 4-Chloro-3-methylphenol	12.99	107	213013	58.201	ng		91
37) 2-Methylnaphthalene	13.38	142	354975m	49.559	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	233745	46.707	ng		98
40) Hexachlorocyclopentadiene	13.70	237	302326	103.052	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	160798	55.303	ng		99
43) 2,4,5-Trichlorophenol	14.04	196	182456	53.089	ng		98
45) 1,1'-Biphenyl	14.35	154	505253	47.601	ng		99
46) 2-Chloronaphthalene	14.41	162	395658	48.344	ng		96
47) 2-Nitroaniline	14.59	65	161767	52.771	ng		90
48) Acenaphthylene	15.24	152	647325	47.385	ng		98
49) Dimethylphthalate	14.94	163	597767	49.717	ng		100
50) 2,6-Dinitrotoluene	15.07	165	127790	51.979	ng		97
51) Acenaphthene	15.58	154	471272	53.515	ng		97
52) 3-Nitroaniline	15.41	138	26362	10.228	ng	#	96
53) 2,4-Dinitrophenol	15.60	184	109692	85.570	ng	#	75
54) Dibenzofuran	15.90	168	652893	50.191	ng		92
55) 4-Nitrophenol	15.69	139	179147	98.845	ng	#	82
56) 2,4-Dinitrotoluene	15.85	165	188904	52.186	ng		96
57) Fluorene	16.54	166	543571	49.050	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.12	232	190996	59.032	ng		91
59) Diethylphthalate	16.27	149	581331	49.792	ng		99
60) 4-Chlorophenyl-phenylether	16.52	204	315571	49.537	ng		99
61) 4-Nitroaniline	16.56	138	80967	31.021	ng		88
62) Azobenzene	16.82	77	567484	50.177	ng		98
64) 4,6-Dinitro-2-methylphenol	16.60	198	92254	43.618	ng		90
65) n-Nitrosodiphenylamine	16.73	169	511364	50.664	ng		97
66) 4-Bromophenyl-phenylether	17.41	248	213101	51.324	ng		98
67) Hexachlorobenzene	17.54	284	216109	49.318	ng		95
68) Atrazine	17.65	200	204393	49.974	ng		97
69) Pentachlorophenol	17.88	266	295101	98.119	ng		97
70) Phenanthrene	18.28	178	916517	49.776	ng		99
71) Anthracene	18.38	178	944478	50.660	ng		98
72) Carbazole	18.63	167	809192	48.980	ng		97
73) Di-n-butylphthalate	19.12	149	968798	50.381	ng	#	98
74) Fluoranthene	20.23	202	1142293	50.132	ng		96
76) Benzidine	20.41	184	104945m	10.960	ng		
77) Pyrene	20.59	202	1139043	48.371	ng		98
79) Butylbenzylphthalate	21.45	149	429807	49.461	ng		97
80) Benzo(a)anthracene	22.58	228	1123948	49.993	ng		99
81) 3,3'-Dichlorobenzidine	22.46	252	122076	15.259	ng	#	98
82) Chrysene	22.66	228	1062679	48.830	ng		96
83) Bis(2-ethylhexyl)phthalate	22.40	149	595444	49.708	ng		97
84) Di-n-octyl phthalate	23.80	149	1000510	54.550	ng		98
85) Indeno(1,2,3-cd)pyrene	30.82	276	1225696	52.091	ng	#	89
87) Benzo(b)fluoranthene	25.17	252	1082799	50.358	ng	#	96
88) Benzo(k)fluoranthene	25.25	252	1096545	50.423	ng	#	97
89) Benzo(a)pyrene	26.22	252	1075509	52.085	ng	#	97
90) Dibenzo(a,h)anthracene	30.89	278	1010455	51.950	ng		98
91) Benzo(g,h,i)perylene	32.20	276	1011987	52.542	ng	#	92

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

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