Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
Data File : BG033991.D
Acq On : 25 Apr 2018 17:52
Operator : SJ/JU
Sample : J2541-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4-11MS

Manual Integrations APPROVED
Sohil
4/26/2018 6:16:37 PM

Quant Time: Apr 26 06:48:32 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	61223	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	303298	20.00	ng		-0.02
38) Acenaphthene-d10	14.46	164	210451	20.00	ng		-0.02
63) Phenanthrene-d10	17.21	188	524008	20.00	ng		-0.02
75) Chrysene-d12	21.47	240	547763	20.00	ng		-0.02
86) Perylene-d12	24.52	264	566707	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	526493	137.30	ng		0.00
7) Phenol-d6	7.00	99	732889	131.03	ng		0.00
23) Nitrobenzene-d5	8.98	82	455384	85.45	ng		0.00
41) 2,4,6-Tribromophenol	15.95	330	355853	144.94	ng		-0.02
44) 2-Fluorobiphenyl	13.09	172	1101696	76.90	ng		-0.02
78) Terphenyl-d14	19.85	244	1705308	69.94	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	42614	26.299	ng		87
4) n-Nitrosodimethylamine	3.71	42	71703	33.570	ng	#	94
6) Aniline	7.16	93	137530	18.395	ng		96
8) 2-Chlorophenol	7.40	128	173064	40.277	ng		93
9) Benzaldehyde	6.97	77	80912	24.424	ng		92
10) Phenol	7.03	94	231539	40.409	ng		98
11) bis(2-Chloroethyl)ether	7.26	93	158338	36.131	ng		93
12) 1,3-Dichlorobenzene	7.72	146	167123	33.787	ng		96
13) 1,4-Dichlorobenzene	7.86	146	172245	34.381	ng		93
14) 1,2-Dichlorobenzene	8.18	146	168460	34.577	ng		93
15) Benzyl Alcohol	8.06	79	175594	36.003	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.36	45	266418	31.170	ng		97
17) 2-Methylphenol	8.26	107	160531	37.807	ng		97
18) Hexachloroethane	8.90	117	60851	33.239	ng		97
19) n-Nitroso-di-n-propylamine	8.63	70	153897	32.279	ng	#	97
20) 3+4-Methylphenols	8.59	107	224040	36.313	ng		96
22) Acetophenone	8.64	105	270582	32.778	ng	#	95
24) Nitrobenzene	9.02	77	206897	35.626	ng		96
25) Isophorone	9.54	82	416361	34.748	ng	#	94
26) 2-Nitrophenol	9.72	139	101466	44.218	ng		91
27) 2,4-Dimethylphenol	9.79	122	183944	42.856	ng		97
28) bis(2-Chloroethoxy)methane	10.03	93	243030	38.378	ng		96
29) 2,4-Dichlorophenol	10.26	162	205809	43.014	ng		92
30) 1,2,4-Trichlorobenzene	10.48	180	192216	35.868	ng		100
31) Naphthalene	10.66	128	546787	35.057	ng		97
32) Benzoic acid	9.89	122	68487	19.398	ng		91
33) 4-Chloroaniline	10.77	127	158961	21.683	ng		96
34) Hexachlorobutadiene	10.95	225	102082	31.842	ng		96
35) Caprolactam	11.54	113	66694m	32.785	ng		
36) 4-Chloro-3-methylphenol	11.90	107	219756	37.631	ng		90
37) 2-Methylnaphthalene	12.27	142	432937	36.256	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	255509	36.563	ng		98
40) Hexachlorocyclopentadiene	12.63	237	309737	80.609	ng		93
42) 2,4,6-Trichlorophenol	12.89	196	179023	42.017	ng		98

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43) 2,4,5-Trichlorophenol	12.96	196	200182	40.867	ng		95
45) 1,1'-Biphenyl	13.29	154	591911	34.745	ng		97
46) 2-Chloronaphthalene	13.33	162	453904	35.139	ng		98
47) 2-Nitroaniline	13.53	65	155206	38.482	ng	#	87
48) Acenaphthylene	14.18	152	725816	33.803	ng		99
49) Dimethylphthalate	13.93	163	711704	38.445	ng		99
50) 2,6-Dinitrotoluene	14.04	165	143982	41.041	ng	#	84
51) Acenaphthene	14.52	154	453162	33.596	ng		99
52) 3-Nitroaniline	14.37	138	123452	32.407	ng	#	81
53) 2,4-Dinitrophenol	14.57	184	96650	77.034	ng	#	54
54) Dibenzofuran	14.86	168	724859	36.248	ng		96
55) 4-Nitrophenol	14.68	139	258126	86.397	ng	#	85
56) 2,4-Dinitrotoluene	14.82	165	202363	43.377	ng		84
57) Fluorene	15.51	166	605220	34.974	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.08	232	195877	43.674	ng		97
59) Diethylphthalate	15.29	149	655063	33.477	ng		98
60) 4-Chlorophenyl-phenylether	15.51	204	333773	36.876	ng		97
61) 4-Nitroaniline	15.54	138	159410	39.412	ng		91
62) Azobenzene	15.81	77	560424	32.129	ng		96
64) 4,6-Dinitro-2-methylphenol	15.59	198	92370	38.148	ng		88
65) n-Nitrosodiphenylamine	15.72	169	523128	34.338	ng		98
66) 4-Bromophenyl-phenylether	16.40	248	214385	37.254	ng		98
67) Hexachlorobenzene	16.52	284	224723	36.617	ng	#	69
68) Atrazine	16.68	200	229890	38.519	ng		99
69) Pentachlorophenol	16.86	266	303483	71.991	ng	#	25
70) Phenanthrene	17.25	178	987606	35.132	ng		97
71) Anthracene	17.34	178	1011363	35.976	ng		99
72) Carbazole	17.62	167	947498	34.936	ng		97
73) Di-n-butylphthalate	18.20	149	1137545	33.716	ng		99
74) Fluoranthene	19.27	202	1232127	36.234	ng		95
77) Pyrene	19.64	202	1248549	34.752	ng		96
79) Butylbenzylphthalate	20.55	149	522064	33.089	ng		90
80) Benzo(a)anthracene	21.45	228	1226471	35.508	ng		98
81) 3,3'-Dichlorobenzidine	21.38	252	381620	29.631	ng		98
82) Chrysene	21.52	228	1150654	34.885	ng		96
83) Bis(2-ethylhexyl)phthalate	21.39	149	718259	32.235	ng		98
84) Di-n-octyl phthalate	22.56	149	1230960	34.805	ng		98
85) Indeno(1,2,3-cd)pyrene	27.98	276	1380693	36.774	ng	#	93
87) Benzo(b)fluoranthene	23.56	252	1213322	35.095	ng		99
88) Benzo(k)fluoranthene	23.63	252	1204016	35.060	ng		97
89) Benzo(a)pyrene	24.38	252	1185315	35.799	ng		98
90) Dibenzo(a,h)anthracene	28.04	278	1166685	36.416	ng		98
91) Benzo(g,h,i)perylene	29.07	276	1124270	35.663	ng		98

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

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