Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
Data File : BG035411.D
Acq On : 26 Jun 2018 15:42
Operator : JU/SJ
Sample : PB110586BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110586BSD

Quant Time: Jun 26 19:11:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	57766	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	201279	20.00	ng		-0.03
38) Acenaphthene-d10	14.67	164	143681	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	373331	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	387453	20.00	ng		-0.03
86) Perylene-d12	24.90	264	376170	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	464377	135.67	ng		-0.01
7) Phenol-d6	7.22	99	681839	134.96	ng		0.00
23) Nitrobenzene-d5	9.22	82	437578	103.34	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	318610	173.22	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	994516	89.98	ng		-0.03
78) Terphenyl-d14	20.02	244	1705579	92.21	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	50645	31.010	ng	#	72
3) Pyridine	3.94	79	150319	34.113	ng	#	69
4) n-Nitrosodimethylamine	3.86	42	62709	33.125	ng	#	71
6) Aniline	7.38	93	157724	24.152	ng		97
8) 2-Chlorophenol	7.62	128	159071	44.335	ng		92
9) Benzaldehyde	7.19	77	114091	29.318	ng		92
10) Phenol	7.24	94	229945	43.981	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	151862	37.423	ng		84
12) 1,3-Dichlorobenzene	7.94	146	173692	40.573	ng		95
13) 1,4-Dichlorobenzene	8.09	146	175176	39.639	ng		97
14) 1,2-Dichlorobenzene	8.41	146	168683	40.636	ng		97
15) Benzyl Alcohol	8.29	79	185378	38.725	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	169376	41.936	ng		79
17) 2-Methylphenol	8.49	107	157845	45.792	ng	#	95
18) Hexachloroethane	9.13	117	63632	40.219	ng		88
19) n-Nitroso-di-n-propylamine	8.86	70	144662	33.704	ng	#	86
20) 3+4-Methylphenols	8.82	107	218051	44.133	ng		96
22) Acetophenone	8.88	105	267170	42.850	ng	#	90
24) Nitrobenzene	9.26	77	214409	49.448	ng		98
25) Isophorone	9.77	82	402780	45.053	ng		98
26) 2-Nitrophenol	9.97	139	91069	60.932	ng	#	89
27) 2,4-Dimethylphenol	10.02	122	162383	51.689	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	214393	44.626	ng		93
29) 2,4-Dichlorophenol	10.50	162	184883	54.086	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	198718	48.481	ng		99
31) Naphthalene	10.91	128	475951	45.518	ng		98
32) Benzoic acid	10.17	122	107562	51.117	ng		94
33) 4-Chloroaniline	11.01	127	52901	11.652	ng		92
34) Hexachlorobutadiene	11.19	225	153213	48.063	ng		99
35) Caprolactam	11.79	113	45950	36.372	ng	#	64
36) 4-Chloro-3-methylphenol	12.13	107	217920	51.142	ng		96
37) 2-Methylnaphthalene	12.51	142	371908	46.914	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	260917	48.753	ng		98
40) Hexachlorocyclopentadiene	12.85	237	387362	115.421	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	172599	53.860	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	191845	54.544	ng		96
45) 1,1'-Biphenyl	13.51	154	512879	44.392	ng		98
46) 2-Chloronaphthalene	13.55	162	404924	46.356	ng		97
47) 2-Nitroaniline	13.75	65	137821	53.431	ng		93
48) Acenaphthylene	14.40	152	669213	45.690	ng		99
49) Dimethylphthalate	14.13	163	553382	44.167	ng		99
50) 2,6-Dinitrotoluene	14.24	165	130854	57.247	ng		92
51) Acenaphthene	14.74	154	396297	41.411	ng		97
52) 3-Nitroaniline	14.58	138	58641	26.145	ng	#	88
53) 2,4-Dinitrophenol	14.78	184	156800	169.500	ng	#	67
54) Dibenzofuran	15.07	168	650671	45.397	ng		94
55) 4-Nitrophenol	14.88	139	190250	100.503	ng		89
56) 2,4-Dinitrotoluene	15.03	165	187233	61.662	ng	#	84
57) Fluorene	15.72	166	544515	45.458	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	194987	57.066	ng		92
59) Diethylphthalate	15.49	149	550393	43.056	ng		96
60) 4-Chlorophenyl-phenylether	15.71	204	319956	46.843	ng		97
61) 4-Nitroaniline	15.74	138	126130	52.435	ng	#	86
62) Azobenzene	16.00	77	547012	43.668	ng		95
64) 4,6-Dinitro-2-methylphenol	15.80	198	110992	65.116	ng		86
65) n-Nitrosodiphenylamine	15.92	169	485984	43.347	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	219803	48.891	ng		98
67) Hexachlorobenzene	16.72	284	224667	49.097	ng		92
68) Atrazine	16.87	200	220870	46.196	ng		97
69) Pentachlorophenol	17.06	266	279468	90.824	ng		99
70) Phenanthrene	17.46	178	875427	46.161	ng		97
71) Anthracene	17.55	178	892807	46.999	ng		98
72) Carbazole	17.82	167	792419	44.958	ng		99
73) Di-n-butylphthalate	18.37	149	898440	42.766	ng	#	98
74) Fluoranthene	19.47	202	1125836	45.622	ng		95
76) Benzidine	19.64	184	476088	33.028	ng		99
77) Pyrene	19.83	202	1136404	44.491	ng		96
79) Butylbenzylphthalate	20.71	149	409735	44.176	ng		97
80) Benzo(a)anthracene	21.66	228	1160603	46.875	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	250702	26.914	ng	#	99
82) Chrysene	21.73	228	1073538	47.357	ng		97
83) Bis(2-ethylhexyl)phthalate	21.56	149	555010	42.349	ng		99
84) Di-n-octyl phthalate	22.77	149	948322	42.178	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.57	276	1263296	47.582	ng	#	89
87) Benzo(b)fluoranthene	23.88	252	1136118	49.044	ng	#	96
88) Benzo(k)fluoranthene	23.95	252	1071391	47.280	ng	#	96
89) Benzo(a)pyrene	24.75	252	1078686	49.485	ng	#	96
90) Dibenzo(a,h)anthracene	28.63	278	1007711	46.830	ng	#	94
91) Benzo(g,h,i)perylene	29.72	276	1042264	49.493	ng	#	92

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

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