Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
Data File : BG034001.D
Acq On : 26 Apr 2018 00:12
Operator : SJ/JU
Sample : PB108579BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB108579BS

Manual Integrations APPROVED
Sohil
4/26/2018 6:16:46 PM

Quant Time: Apr 26 07:08:41 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	63578	20.00	ng		-0.01
21) Naphthalene-d8	10.61	136	301306	20.00	ng		-0.02
38) Acenaphthene-d10	14.46	164	207467	20.00	ng		-0.02
63) Phenanthrene-d10	17.21	188	521886	20.00	ng		-0.02
75) Chrysene-d12	21.47	240	541351	20.00	ng		-0.02
86) Perylene-d12	24.53	264	562684	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	563350	141.47	ng		0.00
7) Phenol-d6	7.00	99	774064	133.27	ng		0.00
23) Nitrobenzene-d5	8.98	82	468968	88.58	ng		-0.01
41) 2,4,6-Tribromophenol	15.96	330	365070	150.83	ng		-0.01
44) 2-Fluorobiphenyl	13.08	172	1247150	88.31	ng		-0.02
78) Terphenyl-d14	19.85	244	2085813	86.56	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	47830	28.424	ng		90
3) Pyridine	3.80	79	144319	29.642	ng		93
4) n-Nitrosodimethylamine	3.71	42	85590	38.587	ng	#	88
6) Aniline	7.16	93	172860	22.264	ng		97
8) 2-Chlorophenol	7.40	128	203762	45.665	ng		93
9) Benzaldehyde	6.97	77	82000	23.703	ng		97
10) Phenol	7.03	94	263867	44.345	ng		99
11) bis(2-Chloroethyl)ether	7.26	93	173131	38.043	ng		93
12) 1,3-Dichlorobenzene	7.72	146	190798	37.144	ng		97
13) 1,4-Dichlorobenzene	7.86	146	195285	37.536	ng		95
14) 1,2-Dichlorobenzene	8.18	146	188309	37.219	ng		95
15) Benzyl Alcohol	8.06	79	199664	39.422	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.35	45	294830	33.216	ng		95
17) 2-Methylphenol	8.27	107	181384	41.135	ng		97
18) Hexachloroethane	8.90	117	67934	35.733	ng		98
19) n-Nitroso-di-n-propylamine	8.63	70	170648	34.467	ng	#	98
20) 3+4-Methylphenols	8.59	107	257782	40.234	ng		95
22) Acetophenone	8.64	105	296169	36.115	ng	#	95
24) Nitrobenzene	9.02	77	234270	40.606	ng		97
25) Isophorone	9.54	82	454645	38.194	ng	#	95
26) 2-Nitrophenol	9.72	139	114955	50.427	ng		93
27) 2,4-Dimethylphenol	9.79	122	211289	49.553	ng		92
28) bis(2-Chloroethoxy)methane	10.03	93	267176	42.470	ng		95
29) 2,4-Dichlorophenol	10.26	162	232178	48.846	ng		94
30) 1,2,4-Trichlorobenzene	10.48	180	221572	41.619	ng		98
31) Naphthalene	10.66	128	612533	39.532	ng		99
32) Benzoic acid	9.93	122	161372	39.034	ng		94
33) 4-Chloroaniline	10.77	127	102076	14.016	ng		96
34) Hexachlorobutadiene	10.95	225	130982	41.127	ng		97
35) Caprolactam	11.54	113	83340m	41.239	ng		
36) 4-Chloro-3-methylphenol	11.90	107	247030	42.581	ng	#	90
37) 2-Methylnaphthalene	12.27	142	484566	40.847	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	287975	41.801	ng		98
40) Hexachlorocyclopentadiene	12.63	237	371167	97.986	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	202031	48.099	ng		94
43) 2,4,5-Trichlorophenol	12.95	196	225450	46.688	ng		97
45) 1,1'-Biphenyl	13.30	154	672186	40.025	ng		98
46) 2-Chloronaphthalene	13.33	162	510575	40.095	ng		98
47) 2-Nitroaniline	13.54	65	168597	42.403	ng	#	86
48) Acenaphthylene	14.18	152	821232	38.797	ng		99
49) Dimethylphthalate	13.92	163	697007	38.193	ng		98
50) 2,6-Dinitrotoluene	14.04	165	159683	46.171	ng		89
51) Acenaphthene	14.52	154	504986	37.977	ng		98
52) 3-Nitroaniline	14.37	138	80451	21.422	ng	#	76
53) 2,4-Dinitrophenol	14.57	184	116145	93.904	ng	#	57
54) Dibenzofuran	14.86	168	807310	40.951	ng		98
55) 4-Nitrophenol	14.68	139	287410	97.582	ng	#	84
56) 2,4-Dinitrotoluene	14.83	165	224474	48.809	ng	#	77
57) Fluorene	15.51	166	678156	39.753	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.09	232	220114	49.784	ng	#	95
59) Diethylphthalate	15.30	149	713205	36.972	ng		98
60) 4-Chlorophenyl-phenylether	15.51	204	375651	42.100	ng		95
61) 4-Nitroaniline	15.53	138	173844	43.599	ng		90
62) Azobenzene	15.80	77	624378	36.311	ng		96
64) 4,6-Dinitro-2-methylphenol	15.59	198	103126	41.978	ng		89
65) n-Nitrosodiphenylamine	15.73	169	599700	39.525	ng		98
66) 4-Bromophenyl-phenylether	16.40	248	245338	42.806	ng		98
67) Hexachlorobenzene	16.52	284	250545	40.991	ng	#	72
68) Atrazine	16.68	200	259771	43.702	ng		98
69) Pentachlorophenol	16.86	266	334541	79.681	ng	#	58
70) Phenanthrene	17.26	178	1104792	39.461	ng		97
71) Anthracene	17.34	178	1127706	40.278	ng		98
72) Carbazole	17.61	167	1042362	38.590	ng		97
73) Di-n-butylphthalate	18.20	149	1267970	37.734	ng		99
74) Fluoranthene	19.27	202	1415871	41.807	ng		96
76) Benzidine	19.46	184	443719	30.353	ng		98
77) Pyrene	19.64	202	1402036	39.486	ng		95
79) Butylbenzylphthalate	20.55	149	581944	37.321	ng		93
80) Benzo(a)anthracene	21.45	228	1397735	40.945	ng		97
81) 3,3'-Dichlorobenzidine	21.37	252	280296	22.022	ng		98
82) Chrysene	21.52	228	1310790	40.211	ng		95
83) Bis(2-ethylhexyl)phthalate	21.39	149	813980	36.963	ng		98
84) Di-n-octyl phthalate	22.56	149	1388854	39.735	ng		98
85) Indeno(1,2,3-cd)pyrene	27.99	276	1621170	43.690	ng	#	93
87) Benzo(b)fluoranthene	23.56	252	1414198	41.198	ng		99
88) Benzo(k)fluoranthene	23.63	252	1354219	39.716	ng		98
89) Benzo(a)pyrene	24.38	252	1369551	41.659	ng		100
90) Dibenzo(a,h)anthracene	28.06	278	1345318	42.291	ng		99
91) Benzo(g,h,i)perylene	29.07	276	1342158	42.879	ng		97

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

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