Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
Data File : BG035404.D
Acq On : 26 Jun 2018 9:01
Operator : JU/SJ
Sample : PB110513BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB110513BS

Manual Integrations APPROVED
Sohil
6/27/2018 10:48:31 AM

Quant Time: Jun 26 11:30:27 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

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	52361	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	190552	20.00	ng		-0.03
38) Acenaphthene-d10	14.68	164	133794	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	349928	20.00	ng		-0.02
75) Chrysene-d12	21.68	240	377689	20.00	ng		-0.03
86) Perylene-d12	24.90	264	362105	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	312470	100.71	ng		-0.02
7) Phenol-d6	7.21	99	469326	102.49	ng		0.00
23) Nitrobenzene-d5	9.21	82	446442	111.37	ng		-0.03
41) 2,4,6-Tribromophenol	16.16	330	208109	121.51	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	1017555	98.87	ng		-0.03
78) Terphenyl-d14	20.02	244	1725592	95.70	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	53468	36.119	ng	#	72
3) Pyridine	3.94	79	153098	38.330	ng	#	71
4) n-Nitrosodimethylamine	3.85	42	67743	39.479	ng	#	73
6) Aniline	7.38	93	125299	21.168	ng		98
8) 2-Chlorophenol	7.62	128	156045	47.981	ng		99
9) Benzaldehyde	7.19	77	82121	23.281	ng		90
10) Phenol	7.24	94	234891	49.565	ng		95
11) bis(2-Chloroethyl)ether	7.47	93	154280	41.943	ng		86
12) 1,3-Dichlorobenzene	7.94	146	176980	45.608	ng		96
13) 1,4-Dichlorobenzene	8.09	146	177466	44.303	ng		96
14) 1,2-Dichlorobenzene	8.41	146	169645	45.087	ng		95
15) Benzyl Alcohol	8.29	79	183125	42.203	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.58	45	172649	47.158	ng		76
17) 2-Methylphenol	8.49	107	152694	48.870	ng	#	90
18) Hexachloroethane	9.14	117	67219	46.872	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	141998	36.498	ng	#	88
20) 3+4-Methylphenols	8.82	107	213088	47.580	ng		93
22) Acetophenone	8.87	105	268543	45.495	ng	#	91
24) Nitrobenzene	9.25	77	211855	51.609	ng		92
25) Isophorone	9.78	82	406423	48.020	ng		99
26) 2-Nitrophenol	9.96	139	89793	63.460	ng	#	90
27) 2,4-Dimethylphenol	10.02	122	162855	54.757	ng		91
28) bis(2-Chloroethoxy)methane	10.26	93	217856	47.899	ng		95
29) 2,4-Dichlorophenol	10.50	162	184184	56.915	ng		92
30) 1,2,4-Trichlorobenzene	10.72	180	196327	50.594	ng		97
31) Naphthalene	10.90	128	482290	48.721	ng		98
32) Benzoic acid	10.17	122	104277	52.345	ng		99
33) 4-Chloroaniline	11.02	127	31094	7.234	ng		97
34) Hexachlorobutadiene	11.19	225	148865	49.328	ng		97
35) Caprolactam	11.80	113	60282m	50.403	ng		
36) 4-Chloro-3-methylphenol	12.13	107	216959	53.782	ng		94
37) 2-Methylnaphthalene	12.51	142	376815	50.209	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	258942	51.960	ng		98
40) Hexachlorocyclopentadiene	12.85	237	364415	116.607	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	171814	57.577	ng		98
43) 2,4,5-Trichlorophenol	13.18	196	185739	56.710	ng		99
45) 1,1'-Biphenyl	13.51	154	514397	47.813	ng		99
46) 2-Chloronaphthalene	13.55	162	411997	50.651	ng		99
47) 2-Nitroaniline	13.75	65	135831	56.551	ng		99
48) Acenaphthylene	14.40	152	679202	49.798	ng		98
49) Dimethylphthalate	14.13	163	552434	47.349	ng	#	98
50) 2,6-Dinitrotoluene	14.25	165	123553	58.047	ng		89
51) Acenaphthene	14.74	154	402959	45.218	ng		99
52) 3-Nitroaniline	14.58	138	49081	23.499	ng	#	88
53) 2,4-Dinitrophenol	14.78	184	151344	175.692	ng	#	70
54) Dibenzofuran	15.07	168	657375	49.255	ng		95
55) 4-Nitrophenol	14.89	139	188850	107.136	ng	#	84
56) 2,4-Dinitrotoluene	15.03	165	183405	64.865	ng	#	85
57) Fluorene	15.72	166	548631	49.186	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.30	232	193297	60.752	ng	#	91
59) Diethylphthalate	15.49	149	549974	46.203	ng		96
60) 4-Chlorophenyl-phenylether	15.71	204	320901	50.453	ng		98
61) 4-Nitroaniline	15.74	138	123389	55.086	ng	#	82
62) Azobenzene	16.00	77	552450	47.361	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	108376	67.834	ng		81
65) n-Nitrosodiphenylamine	15.93	169	482935	45.956	ng		96
66) 4-Bromophenyl-phenylether	16.60	248	219999	52.207	ng		98
67) Hexachlorobenzene	16.73	284	226906	52.903	ng		93
68) Atrazine	16.87	200	222147	49.571	ng		96
69) Pentachlorophenol	17.07	266	267948	92.904	ng		97
70) Phenanthrene	17.46	178	881303	49.579	ng		97
71) Anthracene	17.55	178	905132	50.834	ng		98
72) Carbazole	17.82	167	806672	48.828	ng		98
73) Di-n-butylphthalate	18.37	149	918192	46.630	ng	#	98
74) Fluoranthene	19.46	202	1143788	49.449	ng		95
76) Benzidine	19.64	184	302195	21.506	ng		96
77) Pyrene	19.83	202	1153446	46.325	ng		97
79) Butylbenzylphthalate	20.71	149	410119	45.361	ng	#	96
80) Benzo(a)anthracene	21.67	228	1172282	48.571	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	231812	25.529	ng	#	97
82) Chrysene	21.73	228	1088440	49.255	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	567447	44.417	ng	#	99
84) Di-n-octyl phthalate	22.78	149	976055	44.534	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.56	276	1309297	50.589	ng	#	88
87) Benzo(b)fluoranthene	23.88	252	1130559	50.700	ng	#	95
88) Benzo(k)fluoranthene	23.95	252	1106755	50.737	ng	#	97
89) Benzo(a)pyrene	24.75	252	1098796	52.366	ng	#	97
90) Dibenzo(a,h)anthracene	28.63	278	1065422	51.435	ng	#	95
91) Benzo(g,h,i)perylene	29.73	276	1085088	53.528	ng	#	92

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

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