Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
Data File : BG035531.D
Acq On : 30 Jun 2018 7:43
Operator : JU/SJ
Sample : PB110650BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB110650BS

Manual Integrations APPROVED
Sohil
7/2/2018 12:35:25 PM

Quant Time: Jul 02 01:30:34 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	8.06	152	35326	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	146686	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	118820	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	327622	20.00	ng		-0.01
75) Chrysene-d12	21.69	240	340775	20.00	ng		-0.02
86) Perylene-d12	24.92	264	322768	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	276334	132.01	ng		0.00
7) Phenol-d6	7.23	99	429655	139.07	ng		0.00
23) Nitrobenzene-d5	9.23	82	273102	88.50	ng		-0.01
41) 2,4,6-Tribromophenol	16.17	330	223494	146.93	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	668762	73.17	ng		-0.02
78) Terphenyl-d14	20.03	244	1295957	79.66	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	25941	25.974	ng	#	73
3) Pyridine	3.95	79	75480	28.010	ng	#	73
4) n-Nitrosodimethylamine	3.86	42	34569	29.860	ng	#	68
6) Aniline	7.39	93	94833	23.746	ng		98
8) 2-Chlorophenol	7.63	128	94791	43.201	ng		91
9) Benzaldehyde	7.20	77	48073	20.201	ng		95
10) Phenol	7.25	94	139342	43.581	ng		94
11) bis(2-Chloroethyl)ether	7.48	93	87145	35.116	ng		91
12) 1,3-Dichlorobenzene	7.95	146	93430	35.688	ng		96
13) 1,4-Dichlorobenzene	8.10	146	96161	35.582	ng		95
14) 1,2-Dichlorobenzene	8.42	146	95038	37.439	ng		98
15) Benzyl Alcohol	8.30	79	110200	37.643	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.59	45	94466	38.246	ng		76
17) 2-Methylphenol	8.50	107	93191	44.209	ng		94
18) Hexachloroethane	9.15	117	35480	36.671	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	85628	32.623	ng	#	86
20) 3+4-Methylphenols	8.83	107	129460	42.847	ng		91
22) Acetophenone	8.89	105	157556	34.674	ng	#	91
24) Nitrobenzene	9.27	77	127186	40.249	ng	#	98
25) Isophorone	9.79	82	247636	38.008	ng		99
26) 2-Nitrophenol	9.98	139	55575	51.023	ng	#	89
27) 2,4-Dimethylphenol	10.04	122	99577	43.493	ng		96
28) bis(2-Chloroethoxy)methane	10.27	93	132074	37.722	ng		97
29) 2,4-Dichlorophenol	10.51	162	114096	45.800	ng		93
30) 1,2,4-Trichlorobenzene	10.73	180	114035	38.175	ng		97
31) Naphthalene	10.92	128	290540	38.128	ng		98
32) Benzoic acid	10.18	122	54325	35.425	ng		90
33) 4-Chloroaniline	11.02	127	45400	13.721	ng	#	94
34) Hexachlorobutadiene	11.20	225	86494	37.231	ng		95
35) Caprolactam	11.80	113	40099m	43.554	ng		
36) 4-Chloro-3-methylphenol	12.14	107	142247	45.807	ng		94
37) 2-Methylnaphthalene	12.52	142	232521	40.247	ng		91
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	165111	37.307	ng		98
40) Hexachlorocyclopentadiene	12.86	237	203983	73.497	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	109915	41.476	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	121422	41.745	ng		95
45) 1,1'-Biphenyl	13.52	154	334451	35.005	ng		99
46) 2-Chloronaphthalene	13.56	162	262376	36.322	ng		100
47) 2-Nitroaniline	13.77	65	92832	43.520	ng		95
48) Acenaphthylene	14.41	152	456589	37.695	ng		98
49) Dimethylphthalate	14.14	163	380153	36.689	ng		99
50) 2,6-Dinitrotoluene	14.26	165	86965	46.006	ng		92
51) Acenaphthene	14.75	154	265600	33.561	ng		99
52) 3-Nitroaniline	14.58	138	44570	24.029	ng	#	93
53) 2,4-Dinitrophenol	14.79	184	92343	120.709	ng	#	68
54) Dibenzofuran	15.08	168	452298	38.160	ng		94
55) 4-Nitrophenol	14.90	139	128607	82.154	ng	#	86
56) 2,4-Dinitrotoluene	15.04	165	129476	51.563	ng	#	83
57) Fluorene	15.73	166	381257	38.488	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.31	232	128082	45.328	ng		93
59) Diethylphthalate	15.50	149	385446	36.462	ng		99
60) 4-Chlorophenyl-phenylether	15.72	204	219137	38.795	ng		96
61) 4-Nitroaniline	15.75	138	88511	44.495	ng	#	83
62) Azobenzene	16.01	77	379772	36.660	ng		95
64) 4,6-Dinitro-2-methylphenol	15.81	198	75354	50.376	ng		83
65) n-Nitrosodiphenylamine	15.94	169	337698	34.323	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	152789	38.726	ng		96
67) Hexachlorobenzene	16.73	284	158697	39.519	ng		93
68) Atrazine	16.88	200	154224	36.757	ng		97
69) Pentachlorophenol	17.08	266	171368	63.463	ng		99
70) Phenanthrene	17.47	178	622988	37.434	ng		98
71) Anthracene	17.56	178	631333	37.871	ng		99
72) Carbazole	17.83	167	576553	37.275	ng		97
73) Di-n-butylphthalate	18.38	149	647695	35.132	ng	#	98
74) Fluoranthene	19.47	202	829803	38.317	ng		96
76) Benzidine	19.65	184	214878	16.949	ng		99
77) Pyrene	19.84	202	819473	36.477	ng		97
79) Butylbenzylphthalate	20.71	149	297565	36.477	ng		97
80) Benzo(a)anthracene	21.68	228	828631	38.052	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	163029	19.899	ng		98
82) Chrysene	21.74	228	769183	38.578	ng		98
83) Bis(2-ethylhexyl)phthalate	21.58	149	396494	34.398	ng	#	99
84) Di-n-octyl phthalate	22.79	149	672184	33.991	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.60	276	896649	38.398	ng	#	88
87) Benzo(b)fluoranthene	23.90	252	800489	40.273	ng	#	96
88) Benzo(k)fluoranthene	23.97	252	745980	38.366	ng	#	96
89) Benzo(a)pyrene	24.77	252	768315	41.079	ng	#	95
90) Dibenzo(a,h)anthracene	28.66	278	729880	39.531	ng	#	96
91) Benzo(g,h,i)perylene	29.75	276	744632	41.210	ng	#	93

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

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