Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
Data File : BG035447.D
Acq On : 27 Jun 2018 16:19
Operator : JU/SJ
Sample : PB110586BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110586BS

Manual Integrations APPROVED
Sohil
6/28/2018 2:50:04 PM

Quant Time: Jun 27 17:54:49 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	54534	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	217159	20.00	ng		-0.03
38) Acenaphthene-d10	14.67	164	161505	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	436933	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	457776	20.00	ng		-0.03
86) Perylene-d12	24.91	264	444477	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	420509	130.13	ng		-0.02
7) Phenol-d6	7.22	99	617192	129.41	ng		0.00
23) Nitrobenzene-d5	9.21	82	401002	87.78	ng		-0.03
41) 2,4,6-Tribromophenol	16.17	330	304390	147.23	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	940829	75.73	ng		-0.03
78) Terphenyl-d14	20.03	244	1673133	76.56	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	42805	27.763	ng	#	71
3) Pyridine	3.94	79	122605	29.472	ng	#	73
4) n-Nitrosodimethylamine	3.85	42	55029	30.791	ng	#	78
6) Aniline	7.38	93	125252	20.317	ng		98
8) 2-Chlorophenol	7.62	128	134429	39.687	ng		98
9) Benzaldehyde	7.19	77	73474	20.000	ng		98
10) Phenol	7.24	94	202787	41.085	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	128857	33.636	ng		90
12) 1,3-Dichlorobenzene	7.94	146	149115	36.896	ng		97
13) 1,4-Dichlorobenzene	8.09	146	150097	35.977	ng		99
14) 1,2-Dichlorobenzene	8.41	146	144880	36.971	ng		93
15) Benzyl Alcohol	8.29	79	162990	36.066	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	141976	37.235	ng		74
17) 2-Methylphenol	8.50	107	138389	42.527	ng		96
18) Hexachloroethane	9.14	117	53401	35.753	ng		90
19) n-Nitroso-di-n-propylamine	8.85	70	126409	31.197	ng	#	85
20) 3+4-Methylphenols	8.82	107	187728	40.247	ng		92
22) Acetophenone	8.87	105	233946	34.778	ng	#	87
24) Nitrobenzene	9.26	77	189037	40.408	ng		96
25) Isophorone	9.78	82	361340	37.462	ng		98
26) 2-Nitrophenol	9.97	139	80046	49.640	ng	#	88
27) 2,4-Dimethylphenol	10.02	122	140674	41.504	ng		89
28) bis(2-Chloroethoxy)methane	10.26	93	192204	37.081	ng		96
29) 2,4-Dichlorophenol	10.50	162	167980	45.547	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	173111	39.145	ng		99
31) Naphthalene	10.90	128	420774	37.299	ng		98
32) Benzoic acid	10.17	122	88849	39.136	ng		96
33) 4-Chloroaniline	11.01	127	59735	12.195	ng	#	94
34) Hexachlorobutadiene	11.19	225	132729	38.592	ng		99
35) Caprolactam	11.80	113	54149m	39.728	ng		
36) 4-Chloro-3-methylphenol	12.13	107	203861	44.344	ng		96
37) 2-Methylnaphthalene	12.51	142	338788	39.611	ng		90
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	236559	39.324	ng		99
40) Hexachlorocyclopentadiene	12.85	237	301292	79.867	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	157426	43.704	ng		95
43) 2,4,5-Trichlorophenol	13.19	196	172808	43.709	ng		93
45) 1,1'-Biphenyl	13.51	154	468751	36.095	ng		99
46) 2-Chloronaphthalene	13.55	162	366068	37.283	ng		98
47) 2-Nitroaniline	13.75	65	130508	45.012	ng		96
48) Acenaphthylene	14.40	152	623564	37.875	ng		97
49) Dimethylphthalate	14.13	163	514460	36.529	ng		100
50) 2,6-Dinitrotoluene	14.25	165	117586	45.765	ng		90
51) Acenaphthene	14.74	154	366234	34.046	ng		97
52) 3-Nitroaniline	14.58	138	62445	24.768	ng	#	90
53) 2,4-Dinitrophenol	14.78	184	118384	113.849	ng	#	60
54) Dibenzofuran	15.07	168	606492	37.645	ng		94
55) 4-Nitrophenol	14.89	139	172775	81.199	ng	#	88
56) 2,4-Dinitrotoluene	15.03	165	171684	50.302	ng	#	85
57) Fluorene	15.72	166	507884	37.721	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	181624	47.289	ng		92
59) Diethylphthalate	15.49	149	511501	35.598	ng		97
60) 4-Chlorophenyl-phenylether	15.71	204	296504	38.619	ng		96
61) 4-Nitroaniline	15.74	138	116274	43.003	ng		89
62) Azobenzene	16.00	77	505845	35.925	ng		95
64) 4,6-Dinitro-2-methylphenol	15.80	198	97880	49.065	ng		84
65) n-Nitrosodiphenylamine	15.93	169	456919	34.822	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	210298	39.967	ng		98
67) Hexachlorobenzene	16.73	284	209106	39.045	ng	#	91
68) Atrazine	16.87	200	206545	36.912	ng		97
69) Pentachlorophenol	17.07	266	234297	65.060	ng		100
70) Phenanthrene	17.46	178	823481	37.102	ng		96
71) Anthracene	17.55	178	834863	37.551	ng		98
72) Carbazole	17.82	167	756415	36.669	ng		97
73) Di-n-butylphthalate	18.38	149	860315	34.991	ng	#	99
74) Fluoranthene	19.47	202	1081286	37.438	ng		97
76) Benzidine	19.64	184	336391	19.752	ng		99
77) Pyrene	19.83	202	1072852	35.550	ng		97
79) Butylbenzylphthalate	20.71	149	395767	36.115	ng		96
80) Benzo(a)anthracene	21.67	228	1104905	37.770	ng		97
81) 3,3'-Dichlorobenzidine	21.58	252	235048	21.357	ng	#	98
82) Chrysene	21.73	228	1007872	37.630	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	539714	34.856	ng		99
84) Di-n-octyl phthalate	22.78	149	930659	35.034	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.57	276	1220003	38.892	ng	#	92
87) Benzo(b)fluoranthene	23.89	252	1068874	39.050	ng	#	96
88) Benzo(k)fluoranthene	23.95	252	1030415	38.483	ng	#	97
89) Benzo(a)pyrene	24.76	252	1028620	39.937	ng	#	97
90) Dibenzo(a,h)anthracene	28.64	278	989727	38.926	ng	#	96
91) Benzo(g,h,i)perylene	29.73	276	1009439	40.568	ng	#	89

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

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