Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
Data File : BG038757.D
Acq On : 20 Dec 2018 10:54
Operator : JU/SJ
Sample : PB115840BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115840BS

Quant Time: Dec 20 12:22:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	26190	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	103007	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	69291	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	172580	20.00	ng		0.00
76) Chrysene-d12	21.72	240	175500	20.00	ng		0.00
87) Perylene-d12	25.02	264	190339	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	181414	122.86	ng		0.00
7) Phenol-d6	7.21	99	248128	122.41	ng		0.00
23) Nitrobenzene-d5	9.23	82	146789	72.80	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	124178	130.04	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	379615	75.16	ng		0.00
79) Terphenyl-d14	20.04	244	702773	87.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	18958	27.586	ng		97
3) Pyridine	3.89	79	54258	28.676	ng		95
4) n-Nitrosodimethylamine	3.82	42	34666	37.392	ng	#	88
6) Aniline	7.38	93	29757	11.499	ng		97
8) 2-Chlorophenol	7.62	128	67689	39.612	ng		97
9) Benzaldehyde	7.20	77	19501	14.830	ng		97
10) Phenol	7.24	94	84329	39.157	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	57583	33.584	ng		92
12) 1,3-Dichlorobenzene	7.94	146	69516	34.407	ng		98
13) 1,4-Dichlorobenzene	8.09	146	71938	34.765	ng		97
14) 1,2-Dichlorobenzene	8.41	146	67993	34.854	ng		98
15) Benzyl Alcohol	8.30	79	60123	37.999	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	121311	30.886	ng		97
17) 2-Methylphenol	8.50	107	56855	39.404	ng		97
18) Hexachloroethane	9.13	117	25736	34.036	ng		89
19) n-Nitroso-di-n-propylamine	8.86	70	46990	33.005	ng		99
20) 3+4-Methylphenols	8.82	107	77582	38.933	ng		97
22) Acetophenone	8.89	105	95495	37.116	ng	#	96
24) Nitrobenzene	9.27	77	74071	36.314	ng		98
25) Isophorone	9.79	82	132862	36.675	ng		99
26) 2-Nitrophenol	9.99	139	38641	37.013	ng		94
27) 2,4-Dimethylphenol	10.03	122	65655	43.881	ng		96
28) bis(2-Chloroethoxy)methane	10.27	93	76391	37.366	ng		97
29) 2,4-Dichlorophenol	10.52	162	73479	44.145	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	77371	38.482	ng		98
31) Naphthalene	10.93	128	207313	40.848	ng		98
32) Benzoic acid	10.19	122	25835	31.592	ng	#	85
33) 4-Chloroaniline	11.04	127	15141	6.872	ng		96
34) Hexachlorobutadiene	11.18	225	50666	37.242	ng		95
35) Caprolactam	11.82	113	23301	33.826	ng		99
36) 4-Chloro-3-methylphenol	12.15	107	75228	39.605	ng		98
37) 2-Methylnaphthalene	12.52	142	155219	42.869	ng		98
38) 1-Methylnaphthalene	12.74	142	146282	41.634	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	94583	36.518	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	113254	79.590	ng		97
43) 2,4,6-Trichlorophenol	13.13	196	65006	40.819	ng		96
44) 2,4,5-Trichlorophenol	13.21	196	72849	43.205	ng		97
46) 1,1'-Biphenyl	13.52	154	203637	35.057	ng		99
47) 2-Chloronaphthalene	13.58	162	165891	36.971	ng		99
48) 2-Nitroaniline	13.79	65	51395	35.960	ng		89
49) Acenaphthylene	14.42	152	271127	40.419	ng		100
50) Dimethylphthalate	14.15	163	214888	37.976	ng		100
51) 2,6-Dinitrotoluene	14.27	165	48352	37.707	ng		96
52) Acenaphthene	14.76	154	155170	38.685	ng		99
53) 3-Nitroaniline	14.61	138	16795	12.848	ng		100
54) 2,4-Dinitrophenol	14.82	184	41978	56.636	ng		99
55) Dibenzofuran	15.09	168	263555	38.332	ng		98
56) 4-Nitrophenol	14.92	139	71231	71.830	ng		99
57) 2,4-Dinitrotoluene	15.06	165	70028	38.773	ng		96
58) Fluorene	15.74	166	211753	41.569	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	66039	43.533	ng		96
60) Diethylphthalate	15.50	149	219343	35.310	ng		100
61) 4-Chlorophenyl-phenylether	15.73	204	121973	38.376	ng		96
62) 4-Nitroaniline	15.77	138	50599	37.599	ng		95
63) Azobenzene	16.02	77	189119	36.444	ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	39390	31.996	ng		96
66) n-Nitrosodiphenylamine	15.94	169	192492	37.961	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	81358	38.600	ng		96
68) Hexachlorobenzene	16.74	284	85553	39.157	ng		98
69) Atrazine	16.88	200	79203	42.088	ng		98
70) Pentachlorophenol	17.09	266	81283	62.897	ng		96
71) Phenanthrene	17.48	178	369771	41.318	ng		100
72) Anthracene	17.58	178	378329	42.822	ng		99
73) Carbazole	17.85	167	326820	37.404	ng		98
74) Di-n-butylphthalate	18.38	149	382631	38.164	ng		98
75) Fluoranthene	19.49	202	459311	41.481	ng		97
77) Benzidine	19.67	184	117816	22.699	ng		98
78) Pyrene	19.86	202	456212	39.349	ng		98
80) Butylbenzylphthalate	20.72	149	171525	37.867	ng		99
81) Benzo(a)anthracene	21.70	228	445329	41.643	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	78195	18.436	ng		99
83) Chrysene	21.77	228	415649	40.352	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	239129	37.223	ng		97
85) Di-n-octyl phthalate	22.79	149	406053	37.741	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	504429	41.654	ng	#	94
88) Benzo(b)fluoranthene	23.96	252	444097	42.496	ng		99
89) Benzo(k)fluoranthene	24.03	252	435053	41.806	ng		98
90) Benzo(a)pyrene	24.86	252	436650	43.310	ng		98
91) Dibenzo(a,h)anthracene	28.86	278	415223	41.364	ng		99
92) Benzo(g,h,i)perylene	29.99	276	417713	42.224	ng		97

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

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