Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011518\
Data File : BG032065.D
Acq On : 16 Jan 2018 12:21
Operator : SJ/JU
Sample : J1123-01MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-4(20)MS

Manual Integrations APPROVED
Sohil
1/16/2018 5:00:16 PM

Quant Time: Jan 16 17:00:25 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	54240	20.00	ng		-0.01
21) Naphthalene-d8	11.65	136	202934	20.00	ng		-0.01
38) Acenaphthene-d10	15.40	164	136028	20.00	ng		0.00
63) Phenanthrene-d10	18.13	188	344805	20.00	ng		-0.01
75) Chrysene-d12	22.47	240	414984	20.00	ng		-0.02
86) Perylene-d12	26.18	264	445266	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	413340	139.38	ng		0.00
7) Phenol-d6	7.88	99	515828	138.10	ng		0.00
23) Nitrobenzene-d5	9.96	82	294750	98.26	ng		-0.01
41) 2,4,6-Tribromophenol	16.87	330	332845	147.87	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	939928	85.68	ng		0.00
78) Terphenyl-d14	20.66	244	1592664	84.74	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	43129	37.854	ng	#	73
3) Pyridine	4.30	79	111434	36.641	ng	#	82
4) n-Nitrosodimethylamine	4.21	42	55183	51.649	ng	#	90
6) Aniline	8.06	93	93147	19.772	ng		95
8) 2-Chlorophenol	8.31	128	153501	46.255	ng	#	79
9) Benzaldehyde	7.87	77	21157	9.776	ng		84
10) Phenol	7.91	94	183973	50.002	ng		95
11) bis(2-Chloroethyl)ether	8.15	93	122863	41.681	ng	#	82
12) 1,3-Dichlorobenzene	8.65	146	177374m	40.839	ng		
13) 1,4-Dichlorobenzene	8.81	146	177348	40.554	ng		97
14) 1,2-Dichlorobenzene	9.13	146	167831	39.679	ng		97
15) Benzyl Alcohol	9.00	79	124758	45.979	ng		97
16) 2,2'-oxybis(1-Chloropropan	9.30	45	124507	41.562	ng		79
17) 2-Methylphenol	9.20	107	120481	42.848	ng		94
18) Hexachloroethane	9.89	117	57286	42.623	ng	#	83
19) n-Nitroso-di-n-propylamine	9.58	70	97993	42.285	ng	#	87
20) 3+4-Methylphenols	9.53	107	165565	42.504	ng		97
22) Acetophenone	9.61	105	217188	47.116	ng	#	89
24) Nitrobenzene	10.01	77	142767	47.716	ng	#	85
25) Isophorone	10.53	82	267777	47.943	ng	#	86
26) 2-Nitrophenol	10.74	139	88676	50.018	ng	#	82
27) 2,4-Dimethylphenol	10.77	122	150046	53.334	ng		93
28) bis(2-Chloroethoxy)methane	11.01	93	164332	48.834	ng	#	96
29) 2,4-Dichlorophenol	11.28	162	179141	51.749	ng		88
30) 1,2,4-Trichlorobenzene	11.50	180	200746	44.902	ng		96
31) Naphthalene	11.70	128	449672	44.731	ng		99
32) Benzoic acid	10.89	122	3737m	6.731	ng		
33) 4-Chloroaniline	11.79	127	89542	20.771	ng	#	92
34) Hexachlorobutadiene	11.97	225	142394	44.344	ng		98
35) Caprolactam	12.53	113	53310	50.761	ng	#	46
36) 4-Chloro-3-methylphenol	12.87	107	163654	51.649	ng	#	86
37) 2-Methylnaphthalene	13.26	142	365621	45.810	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	274470	46.289	ng	#	96
40) Hexachlorocyclopentadiene	13.59	237	342003	102.406	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.84	196	170528	51.184	ng		99
43) 2,4,5-Trichlorophenol	13.92	196	183895	47.686	ng	#	92
45) 1,1'-Biphenyl	14.24	154	518507	44.464	ng		95
46) 2-Chloronaphthalene	14.29	162	397122	43.775	ng		96
47) 2-Nitroaniline	14.48	65	88043	50.696	ng	#	73
48) Acenaphthylene	15.13	152	586593	42.462	ng		99
49) Dimethylphthalate	14.83	163	646110	54.279	ng	#	98
50) 2,6-Dinitrotoluene	14.96	165	118445	47.938	ng	#	69
51) Acenaphthene	15.46	154	405285	44.368	ng		96
52) 3-Nitroaniline	15.29	138	58938	26.411	ng	#	78
53) 2,4-Dinitrophenol	15.49	184	57567	49.367	ng	#	85
54) Dibenzofuran	15.79	168	611203	44.853	ng		99
55) 4-Nitrophenol	15.57	139	173076	106.424	ng	#	81
56) 2,4-Dinitrotoluene	15.73	165	168418	50.630	ng	#	65
57) Fluorene	16.44	166	499993	44.738	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.00	232	195622	54.835	ng	#	83
59) Diethylphthalate	16.17	149	507924	44.014	ng		97
60) 4-Chlorophenyl-phenylether	16.41	204	310613	45.307	ng		92
61) 4-Nitroaniline	16.44	138	98717	46.115	ng		91
62) Azobenzene	16.70	77	329385	45.603	ng		88
64) 4,6-Dinitro-2-methylphenol	16.49	198	96431	44.132	ng	#	66
65) n-Nitrosodiphenylamine	16.63	169	463487	44.298	ng		99
66) 4-Bromophenyl-phenylether	17.31	248	222266	45.305	ng		95
67) Hexachlorobenzene	17.43	284	226805	41.787	ng	#	91
68) Atrazine	17.55	200	218959	49.762	ng		94
69) Pentachlorophenol	17.77	266	311974	89.924	ng		97
70) Phenanthrene	18.17	178	844823	44.007	ng		99
71) Anthracene	18.27	178	862820	45.062	ng		100
72) Carbazole	18.52	167	750021	45.155	ng		100
73) Di-n-butylphthalate	19.03	149	859344	43.784	ng		100
74) Fluoranthene	20.13	202	1111876	46.258	ng		95
76) Benzidine	20.29	184	353171	34.033	ng		96
77) Pyrene	20.49	202	1118926	42.891	ng		97
79) Butylbenzylphthalate	21.35	149	401176	42.921	ng	#	78
80) Benzo(a)anthracene	22.45	228	1168810	45.289	ng		100
81) 3,3'-Dichlorobenzidine	22.34	252	232158	24.081	ng	#	98
82) Chrysene	22.52	228	1094953	44.178	ng		98
83) Bis(2-ethylhexyl)phthalate	22.29	149	567135	41.378	ng	#	96
84) Di-n-octyl phthalate	23.67	149	980123	45.024	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.49	276	1396483	46.040	ng	#	88
87) Benzo(b)fluoranthene	24.99	252	1229876	45.697	ng	#	96
88) Benzo(k)fluoranthene	25.07	252	1210967	46.046	ng	#	97
89) Benzo(a)pyrene	26.00	252	1190430	46.758	ng	#	97
90) Dibenzo(a,h)anthracene	30.57	278	1133162	46.188	ng	#	96
91) Benzo(g,h,i)perylene	31.84	276	1181822	47.130	ng	#	93

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

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