Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032073.D
Acq On : 16 Jan 2018 17:22
Operator : SJ/JU
Sample : J1114-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-22-3.0-3.5MSD

Manual Integrations APPROVED
Sohil
1/17/2018 10:43:07 AM

Quant Time: Jan 17 01:18:26 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	8.77	152	49430	20.00	ng		0.00
21) Naphthalene-d8	11.65	136	198344	20.00	ng		0.00
38) Acenaphthene-d10	15.40	164	136848	20.00	ng		0.00
63) Phenanthrene-d10	18.13	188	369676	20.00	ng		0.00
75) Chrysene-d12	22.47	240	459346	20.00	ng		-0.01
86) Perylene-d12	26.18	264	495045	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.19	112	331375	122.61	ng		0.00
7) Phenol-d6	7.87	99	407040	119.58	ng		0.00
23) Nitrobenzene-d5	9.96	82	239456	81.68	ng		0.00
41) 2,4,6-Tribromophenol	16.87	330	277964	122.75	ng		0.00
44) 2-Fluorobiphenyl	14.02	172	747320	67.71	ng		0.00
78) Terphenyl-d14	20.66	244	1468895	70.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	32951	31.735	ng	#	78
3) Pyridine	4.30	79	89051	32.131	ng	#	81
4) n-Nitrosodimethylamine	4.21	42	46072	47.317	ng	#	90
6) Aniline	8.06	93	47241	11.003	ng	#	89
8) 2-Chlorophenol	8.31	128	123984	40.996	ng		84
9) Benzaldehyde	7.87	77	17330	8.787	ng		87
10) Phenol	7.90	94	146708	43.754	ng		96
11) bis(2-Chloroethyl)ether	8.15	93	95584	35.582	ng	#	79
12) 1,3-Dichlorobenzene	8.65	146	138717m	35.046	ng		
13) 1,4-Dichlorobenzene	8.80	146	140931	35.362	ng		93
14) 1,2-Dichlorobenzene	9.14	146	136092	35.306	ng		96
15) Benzyl Alcohol	9.00	79	99765	40.346	ng		88
16) 2,2'-oxybis(1-Chloropropan	9.29	45	101256	37.090	ng		77
17) 2-Methylphenol	9.20	107	97513	38.054	ng		96
18) Hexachloroethane	9.89	117	46247	37.758	ng		91
19) n-Nitroso-di-n-propylamine	9.58	70	78092	36.976	ng	#	87
20) 3+4-Methylphenols	9.54	107	136682	38.503	ng		93
22) Acetophenone	9.61	105	178059	39.521	ng	#	89
24) Nitrobenzene	10.01	77	117353	40.130	ng	#	86
25) Isophorone	10.53	82	221136	40.509	ng	#	84
26) 2-Nitrophenol	10.73	139	72951	42.101	ng	#	82
27) 2,4-Dimethylphenol	10.77	122	121938	44.346	ng		93
28) bis(2-Chloroethoxy)methane	11.01	93	136144	41.393	ng	#	96
29) 2,4-Dichlorophenol	11.27	162	150486	44.477	ng		90
30) 1,2,4-Trichlorobenzene	11.50	180	162961	37.294	ng		93
31) Naphthalene	11.70	128	359655	36.604	ng		99
32) Benzoic acid	10.88	122	9208	8.973	ng	#	60
33) 4-Chloroaniline	11.79	127	48871	11.599	ng	#	87
34) Hexachlorobutadiene	11.97	225	114960	36.629	ng		95
35) Caprolactam	12.54	113	46241	45.049	ng	#	50
36) 4-Chloro-3-methylphenol	12.86	107	137916	44.533	ng		87
37) 2-Methylnaphthalene	13.26	142	297732	38.167	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.61	216	226655	37.996	ng	#	96
40) Hexachlorocyclopentadiene	13.59	237	284644	84.720	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.84	196	141995	42.365	ng		98
43) 2,4,5-Trichlorophenol	13.91	196	155544	40.093	ng	#	90
45) 1,1'-Biphenyl	14.24	154	427847	36.470	ng		96
46) 2-Chloronaphthalene	14.29	162	327526	35.887	ng		96
47) 2-Nitroaniline	14.48	65	75991	43.494	ng	#	62
48) Acenaphthylene	15.13	152	492339	35.426	ng		99
49) Dimethylphthalate	14.83	163	515335	43.033	ng	#	99
50) 2,6-Dinitrotoluene	14.95	165	102659	41.300	ng	#	71
51) Acenaphthene	15.46	154	378892	41.230	ng		97
52) 3-Nitroaniline	15.28	138	41675	18.563	ng	#	79
53) 2,4-Dinitrophenol	15.49	184	129932	102.097	ng	#	54
54) Dibenzofuran	15.79	168	521894	38.070	ng		99
55) 4-Nitrophenol	15.56	139	160710	98.228	ng	#	77
56) 2,4-Dinitrotoluene	15.73	165	150126	44.860	ng	#	63
57) Fluorene	16.43	166	426090	37.897	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.00	232	172971	48.196	ng	#	85
59) Diethylphthalate	16.17	149	445319	38.358	ng		96
60) 4-Chlorophenyl-phenylether	16.41	204	269001	39.002	ng		92
61) 4-Nitroaniline	16.44	138	82940	38.513	ng		89
62) Azobenzene	16.70	77	282371	38.859	ng		87
64) 4,6-Dinitro-2-methylphenol	16.49	198	95288	41.057	ng	#	69
65) n-Nitrosodiphenylamine	16.62	169	404186	36.032	ng		98
66) 4-Bromophenyl-phenylether	17.30	248	195001	37.074	ng		95
67) Hexachlorobenzene	17.43	284	199523	34.287	ng	#	91
68) Atrazine	17.55	200	198997	42.183	ng		98
69) Pentachlorophenol	17.77	266	290523	78.107	ng		98
70) Phenanthrene	18.17	178	747514	36.319	ng		99
71) Anthracene	18.26	178	768001	37.412	ng		98
72) Carbazole	18.52	167	686075	38.526	ng		100
73) Di-n-butylphthalate	19.03	149	779474	37.042	ng		99
74) Fluoranthene	20.14	202	1005176	39.006	ng		95
76) Benzidine	20.29	184	206044	17.938	ng		99
77) Pyrene	20.49	202	1020650	35.346	ng		98
79) Butylbenzylphthalate	21.35	149	367070	35.479	ng	#	76
80) Benzo(a)anthracene	22.44	228	1063510	37.229	ng		98
81) 3,3'-Dichlorobenzidine	22.33	252	187129	17.535	ng	#	96
82) Chrysene	22.52	228	993048	36.197	ng		98
83) Bis(2-ethylhexyl)phthalate	22.29	149	518483	34.175	ng	#	96
84) Di-n-octyl phthalate	23.67	149	895957	37.183	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.48	276	1255856	37.405	ng	#	88
87) Benzo(b)fluoranthene	24.99	252	1138061	38.033	ng	#	97
88) Benzo(k)fluoranthene	25.06	252	1071501	36.646	ng	#	94
89) Benzo(a)pyrene	26.00	252	1072860	37.902	ng	#	97
90) Dibenzo(a,h)anthracene	30.56	278	1028805	37.717	ng	#	95
91) Benzo(g,h,i)perylene	31.83	276	1071807	38.445	ng	#	92

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

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