Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
Data File : BG031604.D
Acq On : 16 Dec 2017 1:13
Operator : SJ/JU
Sample : I6924-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MSD

Manual Integrations APPROVED
Sohil
12/18/2017 5:07:54 PM

Quant Time: Dec 18 16:37:22 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	70698	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	313907	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	220383	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	567006	20.00	ng		0.00
75) Chrysene-d12	21.74	240	601322	20.00	ng		0.00
86) Perylene-d12	25.02	264	530969	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	496462	124.47	ng		0.00
7) Phenol-d6	7.27	99	653374	118.00	ng		0.00
23) Nitrobenzene-d5	9.27	82	386480	75.89	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	333603	129.21	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1036793	69.06	ng		0.00
78) Terphenyl-d14	20.06	244	1866489	70.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	49403	25.959	ng	#	82
3) Pyridine	3.91	79	136374	27.217	ng		86
4) n-Nitrosodimethylamine	3.82	42	71902	30.465	ng	#	94
6) Aniline	7.42	93	165337	22.674	ng		95
8) 2-Chlorophenol	7.67	128	171656	38.583	ng		86
9) Benzaldehyde	7.23	77	99296	30.938	ng		84
10) Phenol	7.30	94	237634	41.777	ng		93
11) bis(2-Chloroethyl)ether	7.51	93	151843	32.707	ng		88
12) 1,3-Dichlorobenzene	7.99	146	181266m	34.261	ng		
13) 1,4-Dichlorobenzene	8.13	146	183341	33.343	ng		96
14) 1,2-Dichlorobenzene	8.45	146	174096	33.237	ng		98
15) Benzyl Alcohol	8.34	79	140917	32.534	ng		87
16) 2,2'-oxybis(1-Chloropropan	8.62	45	217922	41.783	ng		91
17) 2-Methylphenol	8.55	107	148958	38.417	ng		96
18) Hexachloroethane	9.18	117	61540	33.202	ng		93
19) n-Nitroso-di-n-propylamine	8.90	70	122644	28.141	ng	#	95
20) 3+4-Methylphenols	8.88	107	209527	36.275	ng		97
22) Acetophenone	8.93	105	257061	34.135	ng	#	91
24) Nitrobenzene	9.31	77	183582	35.178	ng	#	88
25) Isophorone	9.83	82	352288	36.602	ng	#	92
26) 2-Nitrophenol	10.02	139	102178	39.595	ng	#	89
27) 2,4-Dimethylphenol	10.08	122	172872	44.099	ng		92
28) bis(2-Chloroethoxy)methane	10.31	93	221554	35.656	ng		97
29) 2,4-Dichlorophenol	10.57	162	197321	42.723	ng		91
30) 1,2,4-Trichlorobenzene	10.78	180	208836	35.398	ng		96
31) Naphthalene	10.96	128	522252	33.865	ng		98
33) 4-Chloroaniline	11.08	127	118454	17.691	ng		94
34) Hexachlorobutadiene	11.24	225	132438	33.843	ng		97
35) Caprolactam	11.85	113	72482m	39.966	ng		
36) 4-Chloro-3-methylphenol	12.20	107	201103	38.146	ng	#	85
37) 2-Methylnaphthalene	12.56	142	421787	35.325	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	280449	32.561	ng	#	97
40) Hexachlorocyclopentadiene	12.90	237	138444	55.666	ng		91
42) 2,4,6-Trichlorophenol	13.17	196	172197	39.131	ng		99

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Quant Time: Dec 18 16:37:22 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.26	196	186756	39.398	ng	#	92
45) 1,1'-Biphenyl	13.56	154	592655	32.742	ng		97
46) 2-Chloronaphthalene	13.61	162	462433	34.905	ng		95
47) 2-Nitroaniline	13.81	65	131317	35.274	ng	#	76
48) Acenaphthylene	14.45	152	705362	33.088	ng		99
49) Dimethylphthalate	14.17	163	741496	40.640	ng		99
50) 2,6-Dinitrotoluene	14.30	165	146901	37.668	ng	#	75
51) Acenaphthene	14.79	154	437823	32.481	ng		99
52) 3-Nitroaniline	14.64	138	99828	25.111	ng	#	83
53) 2,4-Dinitrophenol	14.86	184	68875	46.584	ng	#	51
54) Dibenzofuran	15.12	168	729664	33.923	ng		99
55) 4-Nitrophenol	14.97	139	201364	75.185	ng	#	78
56) 2,4-Dinitrotoluene	15.09	165	215071	38.828	ng	#	71
57) Fluorene	15.77	166	589142	34.183	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.35	232	181092	40.643	ng	#	90
59) Diethylphthalate	15.52	149	642333	35.122	ng		98
60) 4-Chlorophenyl-phenylether	15.75	204	352033	33.386	ng		92
61) 4-Nitroaniline	15.81	138	154748	37.093	ng		86
62) Azobenzene	16.05	77	492350	32.499	ng		93
64) 4,6-Dinitro-2-methylphenol	15.86	198	102714	31.777	ng	#	76
65) n-Nitrosodiphenylamine	15.97	169	561452	33.830	ng		99
66) 4-Bromophenyl-phenylether	16.65	248	234265	35.531	ng		97
67) Hexachlorobenzene	16.78	284	240748	35.361	ng		94
68) Atrazine	16.92	200	247161	40.729	ng		98
69) Pentachlorophenol	17.13	266	186492	58.613	ng		99
70) Phenanthrene	17.51	178	1014123	34.247	ng		98
71) Anthracene	17.60	178	1046991	35.749	ng		99
72) Carbazole	17.87	167	978831	36.932	ng		99
73) Di-n-butylphthalate	18.41	149	1103575	36.057	ng		100
74) Fluoranthene	19.51	202	1339632	36.148	ng		97
76) Benzidine	19.69	184	608019	43.449	ng		99
77) Pyrene	19.88	202	1347432	36.063	ng		97
79) Butylbenzylphthalate	20.73	149	510397	38.939	ng		86
80) Benzo(a)anthracene	21.72	228	1280789	35.288	ng		98
81) 3,3'-Dichlorobenzidine	21.62	252	333953	26.437	ng		99
82) Chrysene	21.79	228	1212864	34.858	ng		96
83) Bis(2-ethylhexyl)phthalate	21.59	149	689069	36.540	ng		99
84) Di-n-octyl phthalate	22.81	149	1102151	35.431	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.78	276	1187821	31.943	ng		98
87) Benzo(b)fluoranthene	23.98	252	1170068m	36.859	ng		
88) Benzo(k)fluoranthene	24.04	252	1145678	35.366	ng		99
89) Benzo(a)pyrene	24.87	252	1094898	36.359	ng		98
90) Dibenzo(a,h)anthracene	28.83	278	986433	34.255	ng		97
91) Benzo(g,h,i)perylene	29.97	276	975366	34.452	ng		98

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

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