Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
Data File : BG032658.D
Acq On : 13 Feb 2018 13:33
Operator : SJ/JU
Sample : J1516-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WAVE-1MS

Manual Integrations APPROVED
Sohil
2/14/2018 10:31:02 AM

Quant Time: Feb 13 16:02:10 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	38174	20.00	ng		0.00
21) Naphthalene-d8	11.55	136	152794	20.00	ng		0.00
38) Acenaphthene-d10	15.31	164	109006	20.00	ng		0.00
63) Phenanthrene-d10	18.05	188	282285	20.00	ng		0.00
75) Chrysene-d12	22.37	240	355625	20.00	ng		0.00
86) Perylene-d12	26.02	264	371679	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.11	112	258314	135.76	ng		0.00
7) Phenol-d6	7.79	99	284127	109.21	ng		0.00
23) Nitrobenzene-d5	9.87	82	227985	94.83	ng		0.00
41) 2,4,6-Tribromophenol	16.79	330	215848	128.60	ng		0.00
44) 2-Fluorobiphenyl	13.93	172	726698	83.37	ng		0.00
78) Terphenyl-d14	20.58	244	1319372	84.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.79	88	29499	37.062	ng	#	75
3) Pyridine	4.25	79	55910	27.386	ng	#	84
4) n-Nitrosodimethylamine	4.15	42	46350	48.317	ng	#	74
6) Aniline	7.97	93	17670	5.746	ng		92
8) 2-Chlorophenol	8.22	128	110430	50.473	ng		85
9) Benzaldehyde	7.78	77	24146m	15.704	ng		
10) Phenol	7.82	94	102433	40.482	ng		88
11) bis(2-Chloroethyl)ether	8.06	93	85733	42.263	ng	#	84
12) 1,3-Dichlorobenzene	8.56	146	131872	42.736	ng		96
13) 1,4-Dichlorobenzene	8.71	146	128505	42.152	ng		98
14) 1,2-Dichlorobenzene	9.04	146	130899	42.572	ng		98
15) Benzyl Alcohol	8.91	79	90834	46.581	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.20	45	94047	43.078	ng		71
17) 2-Methylphenol	9.12	107	79362	44.288	ng	#	90
18) Hexachloroethane	9.79	117	49305	44.293	ng	#	81
19) n-Nitroso-di-n-propylamine	9.49	70	76413	43.688	ng	#	95
20) 3+4-Methylphenols	9.45	107	108501	40.061	ng		93
22) Acetophenone	9.52	105	161651	49.745	ng	#	95
24) Nitrobenzene	9.92	77	122360	48.610	ng		92
25) Isophorone	10.43	82	215239	46.958	ng	#	86
26) 2-Nitrophenol	10.64	139	60495	44.934	ng	#	90
27) 2,4-Dimethylphenol	10.68	122	102133	57.742	ng		96
28) bis(2-Chloroethoxy)methane	10.92	93	118803	50.702	ng	#	96
29) 2,4-Dichlorophenol	11.18	162	127966	49.430	ng		92
30) 1,2,4-Trichlorobenzene	11.40	180	159730	44.010	ng		99
31) Naphthalene	11.60	128	352462	47.507	ng		98
32) Benzoic acid	10.68	122	102133	69.860	ng	#	8
33) 4-Chloroaniline	11.71	127	6874	2.335	ng		91
34) Hexachlorobutadiene	11.87	225	127087	42.726	ng		96
35) Caprolactam	12.44	113	23454	31.903	ng	#	45
36) 4-Chloro-3-methylphenol	12.78	107	115020	49.394	ng	#	86
37) 2-Methylnaphthalene	13.16	142	286886	47.672	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.52	216	229222	44.522	ng		94
40) Hexachlorocyclopentadiene	13.49	237	299107	91.803	ng		90

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.75	196	124909	48.609	ng		97
43) 2,4,5-Trichlorophenol	13.83	196	138607	43.283	ng	#	93
45) 1,1'-Biphenyl	14.15	154	392095	43.716	ng		95
46) 2-Chloronaphthalene	14.20	162	311482	43.887	ng		97
47) 2-Nitroaniline	14.39	65	68693	44.495	ng	#	84
48) Acenaphthylene	15.04	152	449689	43.066	ng		100
49) Dimethylphthalate	14.74	163	401231	42.582	ng		99
50) 2,6-Dinitrotoluene	14.87	165	87312	44.994	ng	#	82
51) Acenaphthene	15.37	154	305156	42.793	ng		99
52) 3-Nitroaniline	15.21	138	15827	9.236	ng	#	77
53) 2,4-Dinitrophenol	15.41	184	24804	31.760	ng	#	74
54) Dibenzofuran	15.70	168	479127	45.161	ng		97
55) 4-Nitrophenol	15.50	139	90133	71.541	ng	#	78
56) 2,4-Dinitrotoluene	15.65	165	123686	46.259	ng	#	75
57) Fluorene	16.35	166	372814	42.730	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.92	232	133791	44.376	ng	#	88
59) Diethylphthalate	16.08	149	390184	42.558	ng		97
60) 4-Chlorophenyl-phenylether	16.33	204	251483	43.655	ng		95
61) 4-Nitroaniline	16.37	138	56070	31.736	ng	#	79
62) Azobenzene	16.62	77	260894	44.292	ng		85
64) 4,6-Dinitro-2-methylphenol	16.41	198	34361	20.007	ng		74
65) n-Nitrosodiphenylamine	16.54	169	350733	42.365	ng		100
66) 4-Bromophenyl-phenylether	17.22	248	176322	43.645	ng		97
67) Hexachlorobenzene	17.35	284	175917	40.543	ng	#	92
68) Atrazine	17.47	200	157873	44.459	ng		95
69) Pentachlorophenol	17.69	266	162673	61.239	ng		98
70) Phenanthrene	18.09	178	638548	42.110	ng		100
71) Anthracene	18.18	178	672197	43.324	ng		99
72) Carbazole	18.44	167	560254	42.351	ng		99
73) Di-n-butylphthalate	18.95	149	627812	42.149	ng		99
74) Fluoranthene	20.06	202	864538	42.706	ng		94
76) Benzidine	20.23	184	35079	4.189	ng		98
77) Pyrene	20.41	202	876128	41.411	ng		99
79) Butylbenzylphthalate	21.27	149	295106	42.342	ng	#	77
80) Benzo(a)anthracene	22.35	228	938289	42.140	ng		99
81) 3,3'-Dichlorobenzidine	22.24	252	53884	6.480	ng	#	97
82) Chrysene	22.42	228	890480	40.559	ng		98
83) Bis(2-ethylhexyl)phthalate	22.19	149	409815	40.776	ng	#	96
84) Di-n-octyl phthalate	23.55	149	718197	45.547	ng	#	91
85) Indeno(1,2,3-cd)pyrene	30.24	276	1124074	43.219	ng	#	84
87) Benzo(b)fluoranthene	24.85	252	957688	43.236	ng	#	96
88) Benzo(k)fluoranthene	24.93	252	969863	42.308	ng	#	96
89) Benzo(a)pyrene	25.84	252	953990	44.209	ng	#	94
90) Dibenzo(a,h)anthracene	30.31	278	942929	43.892	ng	#	94
91) Benzo(g,h,i)perylene	31.57	276	926115	44.596	ng	#	90

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

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