Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012418\
Data File : BG032265.D
Acq On : 24 Jan 2018 17:48
Operator : SJ/JU
Sample : J1249-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AB-2(0-2)MS

Manual Integrations APPROVED
Sohil
1/25/2018 5:33:40 PM

Quant Time: Jan 25 04:33:48 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	40080	20.00	ng		0.00
21) Naphthalene-d8	11.61	136	163726	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	116339	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	318500	20.00	ng		0.00
75) Chrysene-d12	22.43	240	394960	20.00	ng		0.00
86) Perylene-d12	26.11	264	424724	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	273570	124.84	ng		0.00
7) Phenol-d6	7.84	99	339962	123.18	ng		0.00
23) Nitrobenzene-d5	9.92	82	206242	85.22	ng		0.00
41) 2,4,6-Tribromophenol	16.84	330	241600	125.50	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	700534	74.66	ng		0.00
78) Terphenyl-d14	20.63	244	1354030	75.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	24343	28.914	ng	#	77
3) Pyridine	4.26	79	44128	19.636	ng	#	84
4) n-Nitrosodimethylamine	4.17	42	41218	52.208	ng	#	80
6) Aniline	8.02	93	44572	12.803	ng		93
8) 2-Chlorophenol	8.28	128	102018	41.602	ng		83
9) Benzaldehyde	7.83	77	54357	33.992	ng		86
10) Phenol	7.87	94	128748	47.355	ng		96
11) bis(2-Chloroethyl)ether	8.11	93	79086	36.309	ng		85
12) 1,3-Dichlorobenzene	8.61	146	121537m	37.869	ng		
13) 1,4-Dichlorobenzene	8.76	146	120893	37.411	ng		93
14) 1,2-Dichlorobenzene	9.09	146	117328	37.539	ng		99
15) Benzyl Alcohol	8.96	79	91966	45.868	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.25	45	77567	35.041	ng		77
17) 2-Methylphenol	9.16	107	85436	41.119	ng		94
18) Hexachloroethane	9.84	117	38839	39.107	ng	#	80
19) n-Nitroso-di-n-propylamine	9.54	70	66444	38.800	ng	#	90
20) 3+4-Methylphenols	9.50	107	114717	39.855	ng		92
22) Acetophenone	9.57	105	149277	40.139	ng	#	88
24) Nitrobenzene	9.97	77	102864	42.613	ng	#	88
25) Isophorone	10.49	82	186037	41.285	ng	#	85
26) 2-Nitrophenol	10.69	139	60349	42.192	ng	#	82
27) 2,4-Dimethylphenol	10.73	122	102679	45.237	ng		95
28) bis(2-Chloroethoxy)methane	10.97	93	111820	41.186	ng	#	97
29) 2,4-Dichlorophenol	11.24	162	128358	45.958	ng		90
30) 1,2,4-Trichlorobenzene	11.46	180	144524	40.068	ng		98
31) Naphthalene	11.66	128	313672	38.674	ng		99
32) Benzoic acid	10.81	122	18994m	14.545	ng		
33) 4-Chloroaniline	11.75	127	50467	14.510	ng		94
34) Hexachlorobutadiene	11.92	225	102381	39.519	ng		96
35) Caprolactam	12.49	113	34703	40.957	ng	#	53
36) 4-Chloro-3-methylphenol	12.83	107	120476	47.127	ng	#	85
37) 2-Methylnaphthalene	13.22	142	259314	40.271	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	195626	38.576	ng	#	97
40) Hexachlorocyclopentadiene	13.55	237	233359	81.700	ng		90

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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	13.80	196	124331	43.634	ng		99
43) 2,4,5-Trichlorophenol	13.88	196	135647	41.128	ng	#	91
45) 1,1'-Biphenyl	14.20	154	368833	36.981	ng		95
46) 2-Chloronaphthalene	14.25	162	288664	37.205	ng		97
47) 2-Nitroaniline	14.44	65	71198	47.935	ng	#	67
48) Acenaphthylene	15.09	152	436691	36.961	ng		99
49) Dimethylphthalate	14.79	163	496798	48.798	ng	#	99
50) 2,6-Dinitrotoluene	14.92	165	93295	44.150	ng	#	72
51) Acenaphthene	15.43	154	318033	40.708	ng		99
52) 3-Nitroaniline	15.25	138	46105	24.157	ng	#	75
53) 2,4-Dinitrophenol	15.45	184	73899	70.610	ng	#	72
54) Dibenzofuran	15.76	168	469945	40.323	ng		99
55) 4-Nitrophenol	15.54	139	140060	100.697	ng	#	78
56) 2,4-Dinitrotoluene	15.70	165	134631	47.322	ng	#	68
57) Fluorene	16.40	166	382145	39.980	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.97	232	149139	48.881	ng	#	84
59) Diethylphthalate	16.14	149	403467	40.880	ng		96
60) 4-Chlorophenyl-phenylether	16.38	204	240229	40.971	ng		91
61) 4-Nitroaniline	16.41	138	74983	40.956	ng		86
62) Azobenzene	16.67	77	257279	41.648	ng		87
64) 4,6-Dinitro-2-methylphenol	16.45	198	78117	39.304	ng	#	73
65) n-Nitrosodiphenylamine	16.59	169	363135	37.574	ng		98
66) 4-Bromophenyl-phenylether	17.27	248	173891	38.372	ng		96
67) Hexachlorobenzene	17.40	284	181187	36.139	ng	#	90
68) Atrazine	17.51	200	175212	43.109	ng		97
69) Pentachlorophenol	17.74	266	221912	69.247	ng		98
70) Phenanthrene	18.14	178	665205	37.513	ng		99
71) Anthracene	18.23	178	689828	39.003	ng		99
72) Carbazole	18.49	167	615568	40.121	ng		100
73) Di-n-butylphthalate	18.99	149	658772	36.337	ng		99
74) Fluoranthene	20.10	202	885222	39.870	ng		95
76) Benzidine	20.26	184	157323	15.929	ng		98
77) Pyrene	20.46	202	876515	35.303	ng		98
79) Butylbenzylphthalate	21.32	149	300596	33.791	ng	#	74
80) Benzo(a)anthracene	22.41	228	929748	37.852	ng		99
81) 3,3'-Dichlorobenzidine	22.29	252	202271	22.044	ng	#	97
82) Chrysene	22.48	228	862940	36.582	ng		98
83) Bis(2-ethylhexyl)phthalate	22.25	149	421703	32.327	ng	#	96
84) Di-n-octyl phthalate	23.62	149	737870	35.614	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.38	276	1107922	38.378	ng	#	86
87) Benzo(b)fluoranthene	24.93	252	974295	37.951	ng	#	96
88) Benzo(k)fluoranthene	25.00	252	925124	36.878	ng	#	95
89) Benzo(a)pyrene	25.94	252	931035	38.338	ng	#	96
90) Dibenzo(a,h)anthracene	30.46	278	936117	40.001	ng	#	94
91) Benzo(g,h,i)perylene	31.72	276	903954	37.792	ng	#	91

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

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