Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
Data File : BG036149.D
Acq On : 7 Aug 2018 5:56
Operator : JU/SJ
Sample : J4277-02MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMSD

Manual Integrations APPROVED
Sohil
8/7/2018 6:54:33 PM

Quant Time: Aug 07 07:25:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	39090	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	141965	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	110179	20.00	ng		-0.01
63) Phenanthrene-d10	17.38	188	300660	20.00	ng		-0.01
75) Chrysene-d12	21.64	240	282169	20.00	ng		-0.01
86) Perylene-d12	24.82	264	273122	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	331340	140.73	ng		0.00
7) Phenol-d6	7.19	99	448740	127.74	ng		0.00
23) Nitrobenzene-d5	9.17	82	358437	105.47	ng		-0.01
41) 2,4,6-Tribromophenol	16.13	330	304230	209.49	ng		-0.01
44) 2-Fluorobiphenyl	13.26	172	843451	102.56	ng		-0.01
78) Terphenyl-d14	19.99	244	1459191	113.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	36133	30.152	ng	#	72
3) Pyridine	3.92	79	100070	31.987	ng	#	77
4) n-Nitrosodimethylamine	3.82	42	48153	35.847	ng	#	81
6) Aniline	7.34	93	105358	23.139	ng		93
8) 2-Chlorophenol	7.58	128	113909	47.569	ng		94
9) Benzaldehyde	7.15	77	87553	40.620	ng		97
10) Phenol	7.22	94	148026	41.709	ng		94
11) bis(2-Chloroethyl)ether	7.43	93	116041	41.750	ng		91
12) 1,3-Dichlorobenzene	7.90	146	131140	45.350	ng		95
13) 1,4-Dichlorobenzene	8.05	146	136498	46.457	ng		95
14) 1,2-Dichlorobenzene	8.36	146	130935	46.388	ng		98
15) Benzyl Alcohol	8.26	79	138917	43.547	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.53	45	128190	55.013	ng		72
17) 2-Methylphenol	8.46	107	116557	48.304	ng	#	89
18) Hexachloroethane	9.09	117	51577	45.911	ng		90
19) n-Nitroso-di-n-propylamine	8.81	70	111940	37.841	ng	#	87
20) 3+4-Methylphenols	8.79	107	155116	46.338	ng		95
22) Acetophenone	8.83	105	209040	47.351	ng	#	92
24) Nitrobenzene	9.21	77	171635	50.220	ng		91
25) Isophorone	9.74	82	328740	52.111	ng		99
26) 2-Nitrophenol	9.93	139	71982	59.303	ng	#	91
27) 2,4-Dimethylphenol	9.98	122	123981	60.342	ng		87
28) bis(2-Chloroethoxy)methane	10.21	93	171522	49.343	ng		93
29) 2,4-Dichlorophenol	10.47	162	144117	61.447	ng		93
30) 1,2,4-Trichlorobenzene	10.67	180	154425	53.695	ng		99
31) Naphthalene	10.87	128	400024	54.093	ng		99
32) Benzoic acid	10.16	122	46699m	33.763	ng		
33) 4-Chloroaniline	11.01	127	18194	5.645	ng		98
34) Hexachlorobutadiene	11.14	225	125295	55.870	ng		95
35) Caprolactam	11.78	113	40572m	40.310	ng		
36) 4-Chloro-3-methylphenol	12.10	107	188110	59.836	ng		93
37) 2-Methylnaphthalene	12.46	142	302042	54.823	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	213702	51.389	ng		99
40) Hexachlorocyclopentadiene	12.81	237	249006	114.175	ng		94

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	146970	60.434	ng		97
43) 2,4,5-Trichlorophenol	13.16	196	167691	61.638	ng		98
45) 1,1'-Biphenyl	13.47	154	427712	50.071	ng		96
46) 2-Chloronaphthalene	13.51	162	340645	51.268	ng		99
47) 2-Nitroaniline	13.72	65	129546	55.149	ng		97
48) Acenaphthylene	14.36	152	583941	52.465	ng		97
49) Dimethylphthalate	14.10	163	514655	53.314	ng		97
50) 2,6-Dinitrotoluene	14.21	165	121754	61.937	ng		90
51) Acenaphthene	14.70	154	344051	49.622	ng		97
52) 3-Nitroaniline	14.55	138	54807	27.279	ng	#	92
53) 2,4-Dinitrophenol	14.76	184	88785	87.185	ng	#	71
54) Dibenzofuran	15.04	168	588983	53.414	ng		92
55) 4-Nitrophenol	14.87	139	113295	79.180	ng	#	83
56) 2,4-Dinitrotoluene	15.01	165	181468	64.346	ng	#	88
57) Fluorene	15.68	166	510898	55.280	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.27	232	176194	67.547	ng		91
59) Diethylphthalate	15.45	149	547719	55.180	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	302651	55.717	ng		97
61) 4-Nitroaniline	15.72	138	98287	46.766	ng	#	71
62) Azobenzene	15.97	77	525222	53.643	ng		95
64) 4,6-Dinitro-2-methylphenol	15.77	198	90740	54.216	ng		82
65) n-Nitrosodiphenylamine	15.89	169	471076	55.046	ng		98
66) 4-Bromophenyl-phenylether	16.57	248	215186	61.690	ng		100
67) Hexachlorobenzene	16.69	284	219023	60.973	ng		94
68) Atrazine	16.84	200	196192	55.680	ng		96
69) Pentachlorophenol	17.04	266	173981	79.518	ng		95
70) Phenanthrene	17.43	178	819581	54.630	ng		97
71) Anthracene	17.51	178	832555	55.733	ng		98
72) Carbazole	17.79	167	652912	46.023	ng		98
73) Di-n-butylphthalate	18.33	149	816801	48.722	ng	#	98
74) Fluoranthene	19.43	202	943210	46.675	ng		97
76) Benzidine	19.61	184	366787	49.444	ng		100
77) Pyrene	19.79	202	944618	52.944	ng		97
79) Butylbenzylphthalate	20.67	149	361823	56.709	ng		97
80) Benzo(a)anthracene	21.62	228	940693	53.497	ng		100
81) 3,3'-Dichlorobenzidine	21.54	252	213361	34.799	ng	#	98
82) Chrysene	21.69	228	894089	54.870	ng		97
83) Bis(2-ethylhexyl)phthalate	21.52	149	487430	56.194	ng	#	96
84) Di-n-octyl phthalate	22.71	149	830711	57.197	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	1021100	56.601	ng	#	73
87) Benzo(b)fluoranthene	23.82	252	910606	54.855	ng	#	97
88) Benzo(k)fluoranthene	23.89	252	875864	53.969	ng	#	95
89) Benzo(a)pyrene	24.68	252	875752	56.706	ng	#	96
90) Dibenzo(a,h)anthracene	28.52	278	836770	55.190	ng	#	96
91) Benzo(g,h,i)perylene	29.60	276	857804	57.818	ng	#	93

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

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