Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
Data File : BG036057.D
Acq On : 2 Aug 2018 12:47
Operator : JU/SJ
Sample : PB111684BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111684BSD

Manual Integrations APPROVED
Sohil
8/3/2018 12:58:28 PM

Quant Time: Aug 02 14:15:17 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	8.02	152	27628	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	106455	20.00	ng		0.00
38) Acenaphthene-d10	14.64	164	80255	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	237905	20.00	ng		0.00
75) Chrysene-d12	21.65	240	273323	20.00	ng		0.00
86) Perylene-d12	24.85	264	261560	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	147280	88.50	ng		0.00
7) Phenol-d6	7.19	99	215657	86.86	ng		0.00
23) Nitrobenzene-d5	9.18	82	212983	83.58	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	105949	100.16	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	507640	84.74	ng		0.00
78) Terphenyl-d14	19.99	244	978447	78.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	27700	32.705	ng	#	73
3) Pyridine	3.90	79	76513	34.604	ng	#	73
4) n-Nitrosodimethylamine	3.82	42	33734	35.532	ng	#	92
6) Aniline	7.35	93	81621	25.363	ng		98
8) 2-Chlorophenol	7.59	128	72592	42.891	ng		93
9) Benzaldehyde	7.17	77	41321	27.124	ng		97
10) Phenol	7.22	94	108079	43.087	ng		95
11) bis(2-Chloroethyl)ether	7.44	93	72863	37.091	ng		87
12) 1,3-Dichlorobenzene	7.91	146	84748	41.465	ng		94
13) 1,4-Dichlorobenzene	8.05	146	87028	41.908	ng		92
14) 1,2-Dichlorobenzene	8.38	146	82302	41.255	ng		90
15) Benzyl Alcohol	8.26	79	86573	38.398	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.55	45	81646	49.575	ng		73
17) 2-Methylphenol	8.46	107	71390	41.860	ng	#	93
18) Hexachloroethane	9.10	117	32331	40.719	ng		96
19) n-Nitroso-di-n-propylamine	8.82	70	67550	32.309	ng	#	84
20) 3+4-Methylphenols	8.79	107	97634	41.267	ng		92
22) Acetophenone	8.84	105	126913	38.337	ng	#	91
24) Nitrobenzene	9.23	77	104112	40.624	ng		94
25) Isophorone	9.74	82	192025	40.593	ng		98
26) 2-Nitrophenol	9.94	139	43142	47.399	ng	#	88
27) 2,4-Dimethylphenol	10.00	122	77481	50.290	ng		93
28) bis(2-Chloroethoxy)methane	10.23	93	101807	39.057	ng		94
29) 2,4-Dichlorophenol	10.48	162	86363	49.106	ng		97
30) 1,2,4-Trichlorobenzene	10.68	180	93997	43.586	ng		93
31) Naphthalene	10.87	128	225311	40.631	ng		99
32) Benzoic acid	10.17	122	20632	19.892	ng		88
33) 4-Chloroaniline	11.00	127	45555	18.848	ng		97
34) Hexachlorobutadiene	11.15	225	72619	43.183	ng		97
35) Caprolactam	11.76	113	32189m	42.650	ng		
36) 4-Chloro-3-methylphenol	12.11	107	109370	46.394	ng		99
37) 2-Methylnaphthalene	12.48	142	182360	44.140	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	125203	41.333	ng		99
40) Hexachlorocyclopentadiene	12.82	237	153565	96.667	ng		89

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Quant Time: Aug 02 14:15:17 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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	81744	46.146	ng		97
43) 2,4,5-Trichlorophenol	13.16	196	91874	46.361	ng		98
45) 1,1'-Biphenyl	13.48	154	260255	41.827	ng		97
46) 2-Chloronaphthalene	13.52	162	201672	41.669	ng		97
47) 2-Nitroaniline	13.73	65	72812	42.554	ng		94
48) Acenaphthylene	14.37	152	344507	42.494	ng		98
49) Dimethylphthalate	14.10	163	291771	41.495	ng		99
50) 2,6-Dinitrotoluene	14.22	165	69291	48.392	ng		90
51) Acenaphthene	14.71	154	197948	39.195	ng		99
52) 3-Nitroaniline	14.56	138	38981	26.636	ng	#	97
53) 2,4-Dinitrophenol	14.76	184	62568	84.564	ng	#	62
54) Dibenzofuran	15.04	168	344385	42.877	ng		97
55) 4-Nitrophenol	14.87	139	88429	84.845	ng	#	87
56) 2,4-Dinitrotoluene	15.01	165	102909	50.096	ng		89
57) Fluorene	15.69	166	294366	43.727	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.27	232	98320	51.746	ng	#	91
59) Diethylphthalate	15.45	149	302788	41.878	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	170150	43.004	ng		95
61) 4-Nitroaniline	15.72	138	68240	44.576	ng	#	78
62) Azobenzene	15.98	77	300090	42.078	ng		93
64) 4,6-Dinitro-2-methylphenol	15.78	198	60890	45.978	ng		82
65) n-Nitrosodiphenylamine	15.89	169	270903	40.005	ng		97
66) 4-Bromophenyl-phenylether	16.58	248	114766	41.580	ng		95
67) Hexachlorobenzene	16.70	284	121869	42.876	ng		92
68) Atrazine	16.85	200	126116	45.234	ng		98
69) Pentachlorophenol	17.05	266	113351	65.472	ng		97
70) Phenanthrene	17.43	178	504410	42.491	ng		98
71) Anthracene	17.52	178	516296	43.679	ng		98
72) Carbazole	17.80	167	471376	41.991	ng		99
73) Di-n-butylphthalate	18.34	149	551618	41.583	ng	#	98
74) Fluoranthene	19.44	202	688178	43.038	ng		97
76) Benzidine	19.62	184	223240	31.067	ng		99
77) Pyrene	19.80	202	682333	39.481	ng		97
79) Butylbenzylphthalate	20.68	149	258370	41.805	ng	#	93
80) Benzo(a)anthracene	21.63	228	709197	41.637	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	172330	29.017	ng		99
82) Chrysene	21.70	228	665803	42.183	ng		99
83) Bis(2-ethylhexyl)phthalate	21.53	149	358161	42.627	ng	#	97
84) Di-n-octyl phthalate	22.73	149	611541	43.470	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.49	276	755404	43.228	ng	#	92
87) Benzo(b)fluoranthene	23.83	252	679403	42.736	ng	#	96
88) Benzo(k)fluoranthene	23.90	252	655429	42.171	ng	#	96
89) Benzo(a)pyrene	24.69	252	655700	44.334	ng	#	96
90) Dibenzo(a,h)anthracene	28.55	278	625278	43.064	ng	#	96
91) Benzo(g,h,i)perylene	29.63	276	618689	43.544	ng	#	94

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

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