Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
Data File : BG035930.D
Acq On : 27 Jul 2018 10:15
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/30/2018 2:05:20 PM

Quant Time: Jul 27 14:35:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	44938	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	191638	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	140923	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	352407	20.00	ng		0.00
75) Chrysene-d12	21.66	240	366000	20.00	ng		0.00
86) Perylene-d12	24.85	264	366856	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	204671	75.62	ng		0.00
7) Phenol-d6	7.19	99	309713	76.69	ng		0.00
23) Nitrobenzene-d5	9.19	82	341741	74.50	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	144612	77.85	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	803862	76.42	ng		0.00
78) Terphenyl-d14	20.00	244	1287125	77.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	45688	33.164	ng	#	70
3) Pyridine	3.92	79	129870	36.111	ng	#	76
4) n-Nitrosodimethylamine	3.83	42	50724	32.847	ng	#	81
6) Aniline	7.35	93	194835	37.222	ng		97
8) 2-Chlorophenol	7.59	128	111736	40.589	ng		98
9) Benzaldehyde	7.17	77	85564	34.531	ng		99
10) Phenol	7.22	94	161511	39.586	ng		96
11) bis(2-Chloroethyl)ether	7.45	93	125245	39.198	ng		87
12) 1,3-Dichlorobenzene	7.92	146	129716	39.020	ng		95
13) 1,4-Dichlorobenzene	8.06	146	136073	40.286	ng		95
14) 1,2-Dichlorobenzene	8.38	146	129020	39.761	ng		99
15) Benzyl Alcohol	8.26	79	138419	37.745	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	96245	35.929	ng		81
17) 2-Methylphenol	8.47	107	106687	38.460	ng	#	88
18) Hexachloroethane	9.10	117	51157	39.611	ng		96
19) n-Nitroso-di-n-propylamine	8.83	70	125679	36.957	ng	#	86
20) 3+4-Methylphenols	8.80	107	152906	39.734	ng		85
22) Acetophenone	8.85	105	227806	38.226	ng	#	87
24) Nitrobenzene	9.23	77	171353	37.142	ng		93
25) Isophorone	9.75	82	314325	36.911	ng		99
26) 2-Nitrophenol	9.94	139	70989	43.326	ng	#	93
27) 2,4-Dimethylphenol	10.00	122	105893	38.180	ng		91
28) bis(2-Chloroethoxy)methane	10.23	93	179006	38.148	ng		94
29) 2,4-Dichlorophenol	10.48	162	131512	41.539	ng		92
30) 1,2,4-Trichlorobenzene	10.69	180	156701	40.363	ng		97
31) Naphthalene	10.88	128	385091	38.576	ng		97
32) Benzoic acid	10.17	122	63334m	33.921	ng		
33) 4-Chloroaniline	10.99	127	168525	38.734	ng		94
34) Hexachlorobutadiene	11.16	225	122166	40.355	ng		96
35) Caprolactam	11.77	113	45218	33.281	ng	#	79
36) 4-Chloro-3-methylphenol	12.11	107	163009	38.411	ng		97
37) 2-Methylnaphthalene	12.48	142	297104	39.948	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	206316	38.789	ng		99
40) Hexachlorocyclopentadiene	12.82	237	104460	37.448	ng		93

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	123846	39.815	ng		95
43) 2,4,5-Trichlorophenol	13.16	196	132261	38.009	ng		97
45) 1,1'-Biphenyl	13.49	154	419684	38.413	ng		99
46) 2-Chloronaphthalene	13.53	162	323607	38.078	ng		98
47) 2-Nitroaniline	13.73	65	109006	36.281	ng		93
48) Acenaphthylene	14.37	152	533552	37.479	ng		97
49) Dimethylphthalate	14.10	163	457812	37.079	ng		99
50) 2,6-Dinitrotoluene	14.23	165	101690	40.445	ng		91
51) Acenaphthene	14.71	154	332668	37.513	ng		98
52) 3-Nitroaniline	14.56	138	97084	37.779	ng	#	96
53) 2,4-Dinitrophenol	14.77	184	38492	33.903	ng	#	65
54) Dibenzofuran	15.05	168	527655	37.413	ng		96
55) 4-Nitrophenol	14.87	139	62287	34.035	ng		94
56) 2,4-Dinitrotoluene	15.01	165	142412	39.481	ng	#	87
57) Fluorene	15.69	166	438097	37.062	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.28	232	127455	38.202	ng	#	92
59) Diethylphthalate	15.47	149	457536	36.038	ng		97
60) 4-Chlorophenyl-phenylether	15.68	204	260465	37.490	ng		96
61) 4-Nitroaniline	15.72	138	100426	37.359	ng		86
62) Azobenzene	15.98	77	432227	34.515	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	84629	43.140	ng		84
65) n-Nitrosodiphenylamine	15.90	169	405155	40.391	ng		99
66) 4-Bromophenyl-phenylether	16.58	248	170628	41.733	ng		98
67) Hexachlorobenzene	16.70	284	176846	42.002	ng		97
68) Atrazine	16.85	200	153487	37.164	ng		96
69) Pentachlorophenol	17.05	266	95331	37.173	ng		96
70) Phenanthrene	17.44	178	684284	38.914	ng		99
71) Anthracene	17.53	178	683795	39.053	ng		98
72) Carbazole	17.80	167	622141	37.415	ng		98
73) Di-n-butylphthalate	18.35	149	733045	37.305	ng	#	99
74) Fluoranthene	19.44	202	874828	36.934	ng		96
76) Benzidine	19.62	184	433335	45.035	ng		97
77) Pyrene	19.81	202	880305	38.038	ng		96
79) Butylbenzylphthalate	20.68	149	335481	40.537	ng		97
80) Benzo(a)anthracene	21.64	228	863923	37.878	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	324755	40.836	ng	#	98
82) Chrysene	21.70	228	813476	38.488	ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	460977	40.972	ng		99
84) Di-n-octyl phthalate	22.74	149	789488	41.908	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.50	276	941692	40.243	ng	#	88
87) Benzo(b)fluoranthene	23.84	252	835778	37.483	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	840021	38.535	ng	#	96
89) Benzo(a)pyrene	24.71	252	792400	38.199	ng	#	98
90) Dibenzo(a,h)anthracene	28.56	278	813399	39.941	ng	#	97
91) Benzo(g,h,i)perylene	29.64	276	784748	39.379	ng	#	94

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

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