Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
Data File : BG035894.D
Acq On : 26 Jul 2018 4:54
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 26 05:27:28 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	41904	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	181794	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	140580	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	359966	20.00	ng		0.00
75) Chrysene-d12	21.66	240	372426	20.00	ng		0.00
86) Perylene-d12	24.86	264	366848	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	179750	71.22	ng		0.00
7) Phenol-d6	7.19	99	288527	76.62	ng		0.00
23) Nitrobenzene-d5	9.19	82	323990	74.45	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	150051	80.98	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	797514	76.00	ng		0.00
78) Terphenyl-d14	20.00	244	1287772	76.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	37897	29.501	ng	#	72
3) Pyridine	3.92	79	115362	34.399	ng	#	78
4) n-Nitrosodimethylamine	3.83	42	46618	32.374	ng	#	73
6) Aniline	7.35	93	180853	37.053	ng		95
8) 2-Chlorophenol	7.59	128	100953	39.327	ng		95
9) Benzaldehyde	7.17	77	79458	34.389	ng		98
10) Phenol	7.22	94	148209	38.956	ng		99
11) bis(2-Chloroethyl)ether	7.45	93	115344	38.713	ng		88
12) 1,3-Dichlorobenzene	7.92	146	117008	37.745	ng		94
13) 1,4-Dichlorobenzene	8.06	146	119091	37.811	ng		99
14) 1,2-Dichlorobenzene	8.38	146	117254	38.752	ng		97
15) Benzyl Alcohol	8.26	79	131316	38.400	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	87693	35.106	ng		74
17) 2-Methylphenol	8.47	107	102134	39.484	ng	#	92
18) Hexachloroethane	9.10	117	44840	37.234	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	123497	38.945	ng	#	82
20) 3+4-Methylphenols	8.80	107	144480	40.262	ng		88
22) Acetophenone	8.85	105	212922	37.663	ng	#	91
24) Nitrobenzene	9.23	77	162700	37.176	ng		92
25) Isophorone	9.75	82	304697	37.718	ng		99
26) 2-Nitrophenol	9.94	139	67435	43.385	ng	#	87
27) 2,4-Dimethylphenol	10.00	122	103347	39.280	ng		95
28) bis(2-Chloroethoxy)methane	10.23	93	168446	37.841	ng		95
29) 2,4-Dichlorophenol	10.48	162	126801	42.219	ng		89
30) 1,2,4-Trichlorobenzene	10.69	180	144468	39.228	ng		99
31) Naphthalene	10.88	128	369467	39.015	ng		98
32) Benzoic acid	10.17	122	53189	30.030	ng		91
33) 4-Chloroaniline	10.99	127	161903	39.227	ng	#	93
34) Hexachlorobutadiene	11.16	225	113677	39.584	ng		99
35) Caprolactam	11.77	113	47736	37.037	ng	#	76
36) 4-Chloro-3-methylphenol	12.11	107	161810	40.194	ng		94
37) 2-Methylnaphthalene	12.48	142	287470	40.746	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	202449	38.155	ng		99
40) Hexachlorocyclopentadiene	12.82	237	103389	37.154	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	125183	40.343	ng		98
43) 2,4,5-Trichlorophenol	13.16	196	139590	40.213	ng		96
45) 1,1'-Biphenyl	13.49	154	417185	38.277	ng		98
46) 2-Chloronaphthalene	13.53	162	320671	37.825	ng		99
47) 2-Nitroaniline	13.73	65	111337	37.147	ng		99
48) Acenaphthylene	14.37	152	539700	38.004	ng		98
49) Dimethylphthalate	14.11	163	464599	37.721	ng		99
50) 2,6-Dinitrotoluene	14.23	165	104400	41.624	ng		93
51) Acenaphthene	14.71	154	336413	38.028	ng		96
52) 3-Nitroaniline	14.56	138	98645	38.480	ng	#	93
53) 2,4-Dinitrophenol	14.77	184	38296	33.831	ng	#	65
54) Dibenzofuran	15.05	168	536965	38.166	ng		93
55) 4-Nitrophenol	14.88	139	68342	37.434	ng	#	81
56) 2,4-Dinitrotoluene	15.01	165	145805	40.520	ng	#	88
57) Fluorene	15.70	166	449865	38.150	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	130942	39.343	ng	#	92
59) Diethylphthalate	15.47	149	461835	36.466	ng		95
60) 4-Chlorophenyl-phenylether	15.69	204	265773	38.347	ng		97
61) 4-Nitroaniline	15.72	138	97937	36.522	ng	#	83
62) Azobenzene	15.98	77	445095	35.629	ng		94
64) 4,6-Dinitro-2-methylphenol	15.78	198	83250	41.546	ng		83
65) n-Nitrosodiphenylamine	15.91	169	417351	40.733	ng		100
66) 4-Bromophenyl-phenylether	16.58	248	171888	41.159	ng		95
67) Hexachlorobenzene	16.71	284	177714	41.322	ng		95
68) Atrazine	16.85	200	155453	36.850	ng		96
69) Pentachlorophenol	17.05	266	105626	40.322	ng		97
70) Phenanthrene	17.44	178	703051	39.142	ng		98
71) Anthracene	17.53	178	693501	38.776	ng		96
72) Carbazole	17.80	167	639845	37.671	ng		98
73) Di-n-butylphthalate	18.35	149	743693	37.052	ng	#	99
74) Fluoranthene	19.44	202	890187	36.793	ng		97
76) Benzidine	19.63	184	341815	34.911	ng		98
77) Pyrene	19.81	202	897509	38.113	ng		97
79) Butylbenzylphthalate	20.69	149	335321	39.819	ng	#	95
80) Benzo(a)anthracene	21.64	228	891480	38.412	ng		99
81) 3,3'-Dichlorobenzidine	21.56	252	325119	40.176	ng		97
82) Chrysene	21.70	228	825066	38.363	ng		98
83) Bis(2-ethylhexyl)phthalate	21.54	149	469668	41.024	ng	#	99
84) Di-n-octyl phthalate	22.74	149	802146	41.846	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.50	276	939418	39.453	ng	#	88
87) Benzo(b)fluoranthene	23.84	252	854128	38.307	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	832659	38.198	ng	#	97
89) Benzo(a)pyrene	24.71	252	802245	38.675	ng	#	96
90) Dibenzo(a,h)anthracene	28.57	278	798942	39.232	ng		97
91) Benzo(g,h,i)perylene	29.65	276	776419	38.962	ng	#	94

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

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