Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
Data File : BG035966.D
Acq On : 28 Jul 2018 10:19
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 30 01:14:42 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	45392	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	199664	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	153259	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	407124	20.00	ng		0.00
75) Chrysene-d12	21.66	240	428048	20.00	ng		0.00
86) Perylene-d12	24.85	264	418842	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	201583	73.73	ng		0.00
7) Phenol-d6	7.19	99	326265	79.98	ng		0.00
23) Nitrobenzene-d5	9.19	82	361375	75.61	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	169198	83.76	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	868605	75.93	ng		0.00
78) Terphenyl-d14	20.00	244	1454724	74.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	47315	34.002	ng	#	69
3) Pyridine	3.91	79	131640	36.237	ng	#	75
4) n-Nitrosodimethylamine	3.83	42	50480	32.362	ng	#	74
6) Aniline	7.35	93	203541	38.497	ng		97
8) 2-Chlorophenol	7.59	128	108944	39.179	ng		98
9) Benzaldehyde	7.16	77	91617	36.604	ng		97
10) Phenol	7.22	94	167268	40.587	ng		91
11) bis(2-Chloroethyl)ether	7.45	93	125911	39.012	ng		89
12) 1,3-Dichlorobenzene	7.92	146	129714	38.629	ng		95
13) 1,4-Dichlorobenzene	8.06	146	133172	39.032	ng		95
14) 1,2-Dichlorobenzene	8.38	146	130306	39.756	ng		98
15) Benzyl Alcohol	8.26	79	143983	38.869	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	98574	36.430	ng		77
17) 2-Methylphenol	8.47	107	112552	40.168	ng	#	93
18) Hexachloroethane	9.10	117	50390	38.627	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	132537	38.584	ng	#	85
20) 3+4-Methylphenols	8.80	107	163725	42.119	ng		92
22) Acetophenone	8.84	105	232558	37.455	ng	#	92
24) Nitrobenzene	9.23	77	179966	37.440	ng		96
25) Isophorone	9.75	82	340344	38.360	ng		97
26) 2-Nitrophenol	9.94	139	74609	43.704	ng	#	92
27) 2,4-Dimethylphenol	10.00	122	116572	40.341	ng		93
28) bis(2-Chloroethoxy)methane	10.23	93	187470	38.346	ng		100
29) 2,4-Dichlorophenol	10.48	162	139976	42.435	ng		96
30) 1,2,4-Trichlorobenzene	10.69	180	161422	39.908	ng		93
31) Naphthalene	10.88	128	402207	38.671	ng		97
32) Benzoic acid	10.18	122	44685	22.971	ng		93
33) 4-Chloroaniline	10.99	127	176715	38.983	ng		96
34) Hexachlorobutadiene	11.16	225	124274	39.401	ng		99
35) Caprolactam	11.78	113	54151	38.254	ng	#	66
36) 4-Chloro-3-methylphenol	12.11	107	180810	40.893	ng		96
37) 2-Methylnaphthalene	12.48	142	318051	41.046	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	225327	38.953	ng		99
40) Hexachlorocyclopentadiene	12.82	237	104700	34.513	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	141405	41.801	ng		96
43) 2,4,5-Trichlorophenol	13.16	196	152841	40.388	ng		95
45) 1,1'-Biphenyl	13.49	154	457270	38.484	ng		97
46) 2-Chloronaphthalene	13.53	162	356905	38.616	ng		100
47) 2-Nitroaniline	13.73	65	127200	38.929	ng		94
48) Acenaphthylene	14.37	152	600874	38.811	ng		98
49) Dimethylphthalate	14.11	163	513783	38.263	ng		99
50) 2,6-Dinitrotoluene	14.23	165	114129	41.738	ng		94
51) Acenaphthene	14.71	154	369334	38.295	ng		97
52) 3-Nitroaniline	14.56	138	109858	39.309	ng	#	96
53) 2,4-Dinitrophenol	14.77	184	16362	17.261	ng	#	60
54) Dibenzofuran	15.05	168	596625	38.898	ng		95
55) 4-Nitrophenol	14.88	139	67611	33.970	ng		87
56) 2,4-Dinitrotoluene	15.01	165	167723	42.755	ng		90
57) Fluorene	15.69	166	498015	38.739	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.28	232	145570	40.120	ng		91
59) Diethylphthalate	15.46	149	518777	37.573	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	306030	40.503	ng		97
61) 4-Nitroaniline	15.72	138	113100	38.688	ng	#	85
62) Azobenzene	15.98	77	497645	36.540	ng		94
64) 4,6-Dinitro-2-methylphenol	15.78	198	64760	28.575	ng		85
65) n-Nitrosodiphenylamine	15.90	169	464608	40.093	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	197499	41.814	ng		98
67) Hexachlorobenzene	16.70	284	199542	41.023	ng		96
68) Atrazine	16.85	200	177823	37.270	ng		95
69) Pentachlorophenol	17.05	266	91769	30.975	ng		96
70) Phenanthrene	17.44	178	793874	39.079	ng		98
71) Anthracene	17.53	178	792089	39.158	ng		98
72) Carbazole	17.80	167	716146	37.280	ng		99
73) Di-n-butylphthalate	18.35	149	854292	37.632	ng	#	99
74) Fluoranthene	19.44	202	997941	36.469	ng		96
76) Benzidine	19.62	184	492508	43.765	ng		99
77) Pyrene	19.81	202	1011808	37.383	ng		96
79) Butylbenzylphthalate	20.68	149	387104	39.995	ng		96
80) Benzo(a)anthracene	21.64	228	1008744	37.816	ng		99
81) 3,3'-Dichlorobenzidine	21.56	252	372071	40.004	ng	#	97
82) Chrysene	21.70	228	926930	37.499	ng		97
83) Bis(2-ethylhexyl)phthalate	21.53	149	535387	40.688	ng		99
84) Di-n-octyl phthalate	22.74	149	907714	41.200	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.51	276	1080129	39.468	ng	#	88
87) Benzo(b)fluoranthene	23.84	252	963529	37.849	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	970325	38.988	ng	#	96
89) Benzo(a)pyrene	24.71	252	915706	38.665	ng	#	96
90) Dibenzo(a,h)anthracene	28.56	278	911324	39.195	ng	#	95
91) Benzo(g,h,i)perylene	29.65	276	881511	38.744	ng	#	95

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

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