Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
Data File : BG033985.D
Acq On : 25 Apr 2018 14:03
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 26 06:22:59 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	64536	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	301803	20.00	ng		-0.01
38) Acenaphthene-d10	14.46	164	202547	20.00	ng		-0.01
63) Phenanthrene-d10	17.21	188	496425	20.00	ng		-0.01
75) Chrysene-d12	21.47	240	492753	20.00	ng		-0.02
86) Perylene-d12	24.53	264	521441	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	303004	74.96	ng		0.00
7) Phenol-d6	7.00	99	424438	71.99	ng		0.00
23) Nitrobenzene-d5	8.98	82	427636	80.64	ng		0.00
41) 2,4,6-Tribromophenol	15.95	330	205914	87.14	ng		-0.02
44) 2-Fluorobiphenyl	13.08	172	1065564	77.28	ng		-0.02
78) Terphenyl-d14	19.84	244	1658338	75.61	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	60196	35.242	ng		89
3) Pyridine	3.80	79	180282	36.479	ng		91
4) n-Nitrosodimethylamine	3.72	42	81942	36.394	ng	#	83
6) Aniline	7.16	93	282530	35.849	ng		96
8) 2-Chlorophenol	7.39	128	167442	36.968	ng		95
9) Benzaldehyde	6.98	77	106394	32.383	ng		96
10) Phenol	7.02	94	216597	35.861	ng		97
11) bis(2-Chloroethyl)ether	7.26	93	172976	37.445	ng		93
12) 1,3-Dichlorobenzene	7.72	146	200228	38.402	ng		98
13) 1,4-Dichlorobenzene	7.86	146	200500	37.966	ng		98
14) 1,2-Dichlorobenzene	8.18	146	195494	38.066	ng		98
15) Benzyl Alcohol	8.06	79	179933	34.999	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.36	45	294022	32.633	ng		93
17) 2-Methylphenol	8.26	107	158615	35.438	ng		98
18) Hexachloroethane	8.90	117	74028	38.361	ng		97
19) n-Nitroso-di-n-propylamine	8.63	70	167838	33.396	ng	#	97
20) 3+4-Methylphenols	8.59	107	228419	35.122	ng		98
22) Acetophenone	8.64	105	304546	37.076	ng	#	96
24) Nitrobenzene	9.02	77	222411	38.487	ng		94
25) Isophorone	9.55	82	415141	34.818	ng		96
26) 2-Nitrophenol	9.73	139	108710	47.609	ng		93
27) 2,4-Dimethylphenol	9.79	122	157697	36.923	ng		93
28) bis(2-Chloroethoxy)methane	10.03	93	230524	36.583	ng		95
29) 2,4-Dichlorophenol	10.26	162	189307	39.761	ng		93
30) 1,2,4-Trichlorobenzene	10.47	180	212403	39.831	ng		94
31) Naphthalene	10.66	128	584417	37.656	ng		99
32) Benzoic acid	9.93	122	180386	42.972	ng	#	83
33) 4-Chloroaniline	10.77	127	264217	36.220	ng		97
34) Hexachlorobutadiene	10.95	225	143264	44.909	ng		95
35) Caprolactam	11.54	113	75902	37.497	ng	#	80
36) 4-Chloro-3-methylphenol	11.90	107	202963	34.927	ng	#	87
37) 2-Methylnaphthalene	12.28	142	445489	37.491	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	274042	40.745	ng		98
40) Hexachlorocyclopentadiene	12.63	237	161574	43.691	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	171654	41.859	ng		93
43) 2,4,5-Trichlorophenol	12.95	196	200156	42.456	ng		98
45) 1,1'-Biphenyl	13.29	154	626520	38.212	ng		98
46) 2-Chloronaphthalene	13.33	162	477102	38.376	ng		99
47) 2-Nitroaniline	13.53	65	157292	40.521	ng		89
48) Acenaphthylene	14.18	152	765213	37.029	ng		99
49) Dimethylphthalate	13.92	163	656810	36.864	ng		99
50) 2,6-Dinitrotoluene	14.04	165	141507	41.909	ng	#	83
51) Acenaphthene	14.53	154	482240	37.147	ng		97
52) 3-Nitroaniline	14.36	138	153616	41.898	ng	#	85
53) 2,4-Dinitrophenol	14.57	184	71361	59.097	ng	#	55
54) Dibenzofuran	14.86	168	720712	37.447	ng		98
55) 4-Nitrophenol	14.67	139	121513	42.258	ng		88
56) 2,4-Dinitrotoluene	14.83	165	206829	46.064	ng	#	77
57) Fluorene	15.51	166	612077	36.751	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.09	232	180544	41.826	ng		96
59) Diethylphthalate	15.30	149	668152	35.478	ng		97
60) 4-Chlorophenyl-phenylether	15.51	204	335895	38.559	ng		97
61) 4-Nitroaniline	15.53	138	159923	41.082	ng		89
62) Azobenzene	15.80	77	560003	33.358	ng		99
64) 4,6-Dinitro-2-methylphenol	15.59	198	117688	49.066	ng		84
65) n-Nitrosodiphenylamine	15.73	169	545361	37.787	ng		99
66) 4-Bromophenyl-phenylether	16.41	248	218848	40.142	ng		95
67) Hexachlorobenzene	16.51	284	232066	39.915	ng	#	73
68) Atrazine	16.68	200	209904	37.124	ng		99
69) Pentachlorophenol	16.86	266	169406	42.419	ng	#	62
70) Phenanthrene	17.25	178	985270	36.997	ng		98
71) Anthracene	17.35	178	996534	37.418	ng		98
72) Carbazole	17.61	167	935808	36.422	ng		97
73) Di-n-butylphthalate	18.19	149	1127769	35.283	ng		99
74) Fluoranthene	19.27	202	1201872	37.308	ng		97
76) Benzidine	19.46	184	565400	42.492	ng		98
77) Pyrene	19.63	202	1215892	37.621	ng		95
79) Butylbenzylphthalate	20.55	149	509838	35.921	ng		89
80) Benzo(a)anthracene	21.45	228	1175204	37.822	ng		99
81) 3,3'-Dichlorobenzidine	21.38	252	453790	39.169	ng		97
82) Chrysene	21.51	228	1130218	38.091	ng		96
83) Bis(2-ethylhexyl)phthalate	21.40	149	721589	35.999	ng		99
84) Di-n-octyl phthalate	22.56	149	1161351	36.503	ng		98
85) Indeno(1,2,3-cd)pyrene	27.98	276	1358396	40.219	ng	#	95
87) Benzo(b)fluoranthene	23.56	252	1186492	37.299	ng		99
88) Benzo(k)fluoranthene	23.63	252	1166893	36.929	ng		98
89) Benzo(a)pyrene	24.39	252	1138396	37.367	ng		99
90) Dibenzo(a,h)anthracene	28.05	278	1116971	37.890	ng		98
91) Benzo(g,h,i)perylene	29.06	276	1099472	37.904	ng		98

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

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