Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071417\
Data File : BG027926.D
Acq On : 14 Jul 2017 15:42
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG071417

Quant Time: Jul 14 16:16:02 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 16:10:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	53375	20.00	ng		0.01
21) Naphthalene-d8	11.20	136	230417	20.00	ng		0.01
38) Acenaphthene-d10	14.99	164	155580	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	389802	20.00	ng		0.00
75) Chrysene-d12	22.07	240	477915	20.00	ng		0.00
86) Perylene-d12	25.59	264	440810	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	243798	81.70	ng		0.00
7) Phenol-d6	7.52	99	353059	82.12	ng		0.00
23) Nitrobenzene-d5	9.55	82	344050	83.43	ng		0.00
41) 2,4,6-Tribromophenol	16.47	330	196631	85.28	ng		0.00
44) 2-Fluorobiphenyl	13.61	172	976225	82.75	ng		0.01
78) Terphenyl-d14	20.32	244	1759190	83.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.90	88	44390	39.954	ng		93
3) Pyridine	4.29	79	134958	42.349	ng		97
4) n-Nitrosodimethylamine	4.20	42	72988	40.768	ng		88
6) Aniline	7.70	93	203685	40.696	ng		93
8) 2-Chlorophenol	7.94	128	137926	40.407	ng		88
9) Benzaldehyde	7.52	77	98936	42.035	ng		79
10) Phenol	7.55	94	185105	41.067	ng		87
11) bis(2-Chloroethyl)ether	7.79	93	132908	40.218	ng		89
12) 1,3-Dichlorobenzene	8.27	146	161098	40.303	ng	#	92
13) 1,4-Dichlorobenzene	8.41	146	166737	40.321	ng		93
14) 1,2-Dichlorobenzene	8.74	146	161344	40.188	ng	#	88
15) Benzyl Alcohol	8.61	79	113961	43.381	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	8.89	45	261891	39.290	ng		99
17) 2-Methylphenol	8.81	107	120201	40.538	ng	#	89
18) Hexachloroethane	9.47	117	54682	40.646	ng		90
19) n-Nitroso-di-n-propylamine	9.18	70	122223	40.720	ng	#	97
20) 3+4-Methylphenols	9.13	107	169364	40.668	ng		93
22) Acetophenone	9.20	105	227856	41.011	ng		91
24) Nitrobenzene	9.59	77	176401	40.671	ng	#	85
25) Isophorone	10.11	82	328233	41.669	ng	#	93
26) 2-Nitrophenol	10.30	139	87585	42.103	ng	#	81
27) 2,4-Dimethylphenol	10.35	122	150592	41.241	ng		92
28) bis(2-Chloroethoxy)methane	10.59	93	188911	41.041	ng		97
29) 2,4-Dichlorophenol	10.84	162	163189	41.278	ng		92
30) 1,2,4-Trichlorobenzene	11.06	180	178583	40.292	ng		99
31) Naphthalene	11.25	128	464096	40.398	ng		99
32) Benzoic acid	10.48	122	81925	43.194	ng	#	84
33) 4-Chloroaniline	11.36	127	193940	41.308	ng	#	89
34) Hexachlorobutadiene	11.53	225	127292	41.144	ng		97
35) Caprolactam	12.13	113	51930	42.936	ng		94
36) 4-Chloro-3-methylphenol	12.45	107	178102	41.758	ng		87
37) 2-Methylnaphthalene	12.83	142	354254	40.397	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.19	216	250901	40.788	ng	#	94
40) Hexachlorocyclopentadiene	13.17	237	123198	42.914	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.42	196	157727	42.288	ng		95
43) 2,4,5-Trichlorophenol	13.50	196	165817	42.220	ng	#	90
45) 1,1'-Biphenyl	13.82	154	549163	41.078	ng		98
46) 2-Chloronaphthalene	13.87	162	395216	40.599	ng		96
47) 2-Nitroaniline	14.07	65	124384	42.765	ng	#	82
48) Acenaphthylene	14.71	152	637032	41.123	ng		97
49) Dimethylphthalate	14.43	163	538183	41.426	ng		96
50) 2,6-Dinitrotoluene	14.55	165	116387	41.936	ng	#	72
51) Acenaphthene	15.05	154	391194	40.251	ng		94
52) 3-Nitroaniline	14.89	138	113335	43.087	ng	#	73
53) 2,4-Dinitrophenol	15.09	184	67527	39.999	ng		94
54) Dibenzofuran	15.38	168	605151	40.742	ng		91
55) 4-Nitrophenol	15.19	139	85185	41.083	ng	#	69
56) 2,4-Dinitrotoluene	15.34	165	163851	42.702	ng	#	79
57) Fluorene	16.03	166	547718	41.271	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.60	232	148978	42.705	ng	#	91
59) Diethylphthalate	15.78	149	521214	41.384	ng		100
60) 4-Chlorophenyl-phenylether	16.01	204	302364	41.320	ng		88
61) 4-Nitroaniline	16.05	138	119555	42.516	ng	#	69
62) Azobenzene	16.31	77	409066	41.432	ng		90
64) 4,6-Dinitro-2-methylphenol	16.10	198	109421	42.112	ng		97
65) n-Nitrosodiphenylamine	16.23	169	464959	40.861	ng		98
66) 4-Bromophenyl-phenylether	16.91	248	196970	40.508	ng		93
67) Hexachlorobenzene	17.04	284	216472	40.853	ng	#	89
68) Atrazine	17.17	200	185294	42.455	ng		97
69) Pentachlorophenol	17.38	266	126528	40.084	ng		99
70) Phenanthrene	17.78	178	835245	40.964	ng		95
71) Anthracene	17.87	178	837550	41.247	ng		98
72) Carbazole	18.14	167	760259	41.595	ng	#	95
73) Di-n-butylphthalate	18.66	149	850249	42.337	ng	#	94
74) Fluoranthene	19.77	202	1021866	41.736	ng		94
76) Benzidine	19.94	184	396365	35.531	ng		98
77) Pyrene	20.13	202	1053021	41.224	ng		97
79) Butylbenzylphthalate	21.00	149	394867	43.033	ng		88
80) Benzo(a)anthracene	22.05	228	1085589	41.323	ng		96
81) 3,3'-Dichlorobenzidine	21.95	252	424457	41.089	ng		100
82) Chrysene	22.12	228	1024602	40.764	ng		97
83) Bis(2-ethylhexyl)phthalate	21.91	149	565275	42.316	ng		99
84) Di-n-octyl phthalate	23.22	149	964151	42.518	ng	#	90
85) Indeno(1,2,3-cd)pyrene	29.64	276	1214465	41.787	ng	#	94
87) Benzo(b)fluoranthene	24.46	252	1054834	40.951	ng		98
88) Benzo(k)fluoranthene	24.54	252	1065670	41.387	ng		96
89) Benzo(a)pyrene	25.43	252	1000804	41.194	ng		98
90) Dibenzo(a,h)anthracene	29.70	278	1010592	41.198	ng		98
91) Benzo(g,h,i)perylene	30.92	276	975155	41.247	ng	#	95

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

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