Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
Data File : BG029369.D
Acq On : 20 Oct 2017 12:49
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/23/2017 3:40:41 PM

Quant Time: Oct 20 18:37:09 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	53006	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	249811	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	169855	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	427317	20.00	ng		0.00
75) Chrysene-d12	21.79	240	466608	20.00	ng		0.00
86) Perylene-d12	25.10	264	485521	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	261644	82.46	ng		0.00
7) Phenol-d6	7.32	99	371376	83.39	ng		0.00
23) Nitrobenzene-d5	9.33	82	323943	82.41	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	210800	96.12	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	892444	77.06	ng		0.00
78) Terphenyl-d14	20.11	244	1639687	79.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	54531	42.358	ng	#	83
3) Pyridine	3.98	79	156702	41.799	ng		96
4) n-Nitrosodimethylamine	3.90	42	70057	39.977	ng	#	93
6) Aniline	7.49	93	224422	40.693	ng		94
8) 2-Chlorophenol	7.73	128	147829	40.646	ng		94
9) Benzaldehyde	7.30	77	87754	39.173	ng		91
10) Phenol	7.34	94	195812	40.781	ng		94
11) bis(2-Chloroethyl)ether	7.57	93	144868	41.411	ng		94
12) 1,3-Dichlorobenzene	8.06	146	161669	39.594	ng		95
13) 1,4-Dichlorobenzene	8.20	146	164867	39.547	ng		95
14) 1,2-Dichlorobenzene	8.53	146	156198	38.845	ng		97
15) Benzyl Alcohol	8.40	79	133411	42.506	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.69	45	238039	40.067	ng		94
17) 2-Methylphenol	8.60	107	130127	40.797	ng		98
18) Hexachloroethane	9.25	117	56028	39.437	ng		95
19) n-Nitroso-di-n-propylamine	8.97	70	127072	41.961	ng	#	94
20) 3+4-Methylphenols	8.93	107	186237	41.438	ng		96
22) Acetophenone	8.99	105	248360	41.254	ng	#	94
24) Nitrobenzene	9.37	77	180538	40.846	ng	#	92
25) Isophorone	9.89	82	351814	42.869	ng	#	94
26) 2-Nitrophenol	10.09	139	93875	44.438	ng		90
27) 2,4-Dimethylphenol	10.14	122	158364	41.434	ng		93
28) bis(2-Chloroethoxy)methane	10.38	93	214299	42.585	ng		97
29) 2,4-Dichlorophenol	10.62	162	170236	41.767	ng		94
30) 1,2,4-Trichlorobenzene	10.84	180	177172	40.236	ng		94
31) Naphthalene	11.03	128	488193	39.212	ng		98
32) Benzoic acid	10.26	122	136020m	42.502	ng		
33) 4-Chloroaniline	11.13	127	221777	42.347	ng		96
34) Hexachlorobutadiene	11.32	225	111807	40.839	ng		96
35) Caprolactam	11.90	113	65409	48.288	ng	#	85
36) 4-Chloro-3-methylphenol	12.24	107	197047	43.957	ng	#	90
37) 2-Methylnaphthalene	12.63	142	366302	40.369	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	237787	38.344	ng		97
40) Hexachlorocyclopentadiene	12.97	237	105615	46.998	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	161547	41.497	ng		98
43) 2,4,5-Trichlorophenol	13.30	196	171261	42.836	ng		95
45) 1,1'-Biphenyl	13.62	154	558267	38.238	ng		97
46) 2-Chloronaphthalene	13.67	162	406881	38.208	ng		96
47) 2-Nitroaniline	13.86	65	129493	44.271	ng	#	86
48) Acenaphthylene	14.51	152	655221	39.314	ng		98
49) Dimethylphthalate	14.23	163	569291	42.957	ng		99
50) 2,6-Dinitrotoluene	14.35	165	125461	45.160	ng	#	82
51) Acenaphthene	14.85	154	435436	40.155	ng		98
52) 3-Nitroaniline	14.68	138	137001	45.700	ng	#	81
53) 2,4-Dinitrophenol	14.89	184	57250	40.952	ng	#	46
54) Dibenzofuran	15.18	168	623037	40.247	ng		100
55) 4-Nitrophenol	14.98	139	115513	46.738	ng	#	81
56) 2,4-Dinitrotoluene	15.14	165	181897	48.367	ng	#	77
57) Fluorene	15.83	166	525800	41.116	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	151605	45.451	ng		96
59) Diethylphthalate	15.59	149	579995	43.914	ng		98
60) 4-Chlorophenyl-phenylether	15.81	204	286861	42.072	ng		96
61) 4-Nitroaniline	15.84	138	141456	45.953	ng		84
62) Azobenzene	16.11	77	460645	41.360	ng		97
64) 4,6-Dinitro-2-methylphenol	15.90	198	89743	38.084	ng		83
65) n-Nitrosodiphenylamine	16.03	169	492954	38.510	ng		99
66) 4-Bromophenyl-phenylether	16.70	248	196003	39.973	ng		96
67) Hexachlorobenzene	16.83	284	221699	39.916	ng		95
68) Atrazine	16.97	200	189097	41.401	ng		96
69) Pentachlorophenol	17.17	266	134580	42.180	ng		98
70) Phenanthrene	17.56	178	872856	39.540	ng		98
71) Anthracene	17.66	178	884716	39.912	ng		98
72) Carbazole	17.92	167	870442	40.878	ng		99
73) Di-n-butylphthalate	18.47	149	1020546	41.672	ng		100
74) Fluoranthene	19.56	202	1073971	41.595	ng		98
76) Benzidine	19.73	184	529706	37.598	ng		98
77) Pyrene	19.92	202	1102606	38.954	ng		97
79) Butylbenzylphthalate	20.79	149	474822	39.374	ng		88
80) Benzo(a)anthracene	21.77	228	1105333	40.347	ng		100
81) 3,3'-Dichlorobenzidine	21.68	252	455944	40.322	ng		99
82) Chrysene	21.85	228	1051008	40.059	ng		97
83) Bis(2-ethylhexyl)phthalate	21.67	149	678039	39.178	ng		98
84) Di-n-octyl phthalate	22.91	149	1175833	38.983	ng		97
85) Indeno(1,2,3-cd)pyrene	28.89	276	1360574	42.153	ng		98
87) Benzo(b)fluoranthene	24.05	252	1135704	40.858	ng		100
88) Benzo(k)fluoranthene	24.12	252	1124464	40.605	ng		98
89) Benzo(a)pyrene	24.95	252	1087481	40.696	ng		100
90) Dibenzo(a,h)anthracene	28.95	278	1126505	41.640	ng		99
91) Benzo(g,h,i)perylene	30.07	276	1107243	44.049	ng		98

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

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