Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102516\
Data File : BG024499.D
Acq On : 25 Oct 2016 16:19
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
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10/26/2016 4:51:06 PM

Quant Time: Oct 25 17:17:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 15:14:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	113270	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	479265	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	368566	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	838884	20.00	ng		0.00
75) Chrysene-d12	21.93	240	1091795	20.00	ng		0.00
86) Perylene-d12	25.36	264	1158290	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	1070873	163.10	ng		0.00
7) Phenol-d6	7.41	99	1533879	160.43	ng		0.00
23) Nitrobenzene-d5	9.45	82	1618438	163.66	ng		0.00
41) 2,4,6-Tribromophenol	16.38	330	873563	190.26	ng		0.00
44) 2-Fluorobiphenyl	13.52	172	3080401	156.41	ng		0.00
78) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	230270	92.88	ng		93
3) Pyridine	4.08	79	698091m	96.19	ng		
4) n-Nitrosodimethylamine	3.99	42	349051	75.94	ng	#	95
6) Aniline	7.59	93	979674	73.05	ng		96
8) 2-Chlorophenol	7.83	128	565130	77.52	ng		98
9) Benzaldehyde	7.40	77	385869	73.23	ng		98
10) Phenol	7.43	94	797403	75.38	ng		96
11) bis(2-Chloroethyl)ether	7.69	93	592914	75.23	ng		91
12) 1,3-Dichlorobenzene	8.16	146	685989	82.92	ng		97
13) 1,4-Dichlorobenzene	8.31	146	692705	82.45	ng		97
14) 1,2-Dichlorobenzene	8.63	146	658156	80.67	ng		97
15) Benzyl Alcohol	8.51	79	729908	82.59	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.79	45	1081978	65.45	ng		97
17) 2-Methylphenol	8.70	107	518060	77.18	ng		97
18) Hexachloroethane	9.37	117	267728	82.11	ng		92
19) n-Nitroso-di-n-propylamine	9.08	70	577620	72.89	ng		94
20) 3+4-Methylphenols	9.03	107	727458	75.83	ng		99
22) Acetophenone	9.10	105	940263	80.79	ng	#	95
24) Nitrobenzene	9.50	77	900433	81.96	ng		95
25) Isophorone	10.01	82	1502727	75.54	ng		99
26) 2-Nitrophenol	10.21	139	350134	86.63	ng		98
27) 2,4-Dimethylphenol	10.24	122	599852	73.71	ng		94
28) bis(2-Chloroethoxy)methane	10.49	93	771176	72.60	ng		99
29) 2,4-Dichlorophenol	10.73	162	633106	80.73	ng		98
30) 1,2,4-Trichlorobenzene	10.96	180	725033	84.96	ng		99
31) Naphthalene	11.15	128	1788361	79.52	ng		100
32) Benzoic acid	10.40	122	555362	93.02	ng		94
33) 4-Chloroaniline	11.26	127	802221	77.03	ng	#	95
34) Hexachlorobutadiene	11.42	225	561634	88.15	ng		99
35) Caprolactam	12.05	113	233327	85.22	ng		92
36) 4-Chloro-3-methylphenol	12.34	107	755474	74.72	ng		98
37) 2-Methylnaphthalene	12.74	142	1336867	79.79	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	945912	90.21	ng		96
40) Hexachlorocyclopentadiene	13.07	237	570545	79.23	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	598024	84.57	ng		99
43) 2,4,5-Trichlorophenol	13.40	196	620561	84.82	ng		98
45) 1,1'-Biphenyl	13.73	154	1880815	78.90	ng		99
46) 2-Chloronaphthalene	13.78	162	1458768	79.83	ng		97
47) 2-Nitroaniline	13.98	65	663656	92.98	ng		100
48) Acenaphthylene	14.62	152	2185983	77.11	ng		98
49) Dimethylphthalate	14.34	163	1969417	79.85	ng		99
50) 2,6-Dinitrotoluene	14.46	165	457725	86.96	ng		95
51) Acenaphthene	14.96	154	1514109	75.27	ng		99
52) 3-Nitroaniline	14.79	138	453383	89.26	ng		90
53) 2,4-Dinitrophenol	14.99	184	338567	107.35	ng		96
54) Dibenzofuran	15.29	168	2207013	81.10	ng		96
55) 4-Nitrophenol	15.08	139	408821	87.60	ng		89
56) 2,4-Dinitrotoluene	15.24	165	664711	91.21	ng	#	98
57) Fluorene	15.93	166	1872753	80.04	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	664343	97.08	ng		95
59) Diethylphthalate	15.69	149	1986651	77.43	ng		95
60) 4-Chlorophenyl-phenylether	15.92	204	1080947	81.10	ng		99
61) 4-Nitroaniline	15.96	138	503140	92.40	ng		93
62) Azobenzene	16.21	77	1998718	78.51	ng		96
64) 4,6-Dinitro-2-methylphenol	16.01	198	499305	98.70	ng		91
65) n-Nitrosodiphenylamine	16.13	169	1696839	72.66	ng		98
66) 4-Bromophenyl-phenylether	16.81	248	766933	80.75	ng		92
67) Hexachlorobenzene	16.93	284	872152	79.77	ng		92
68) Atrazine	17.07	200	679354	84.51	ng		96
69) Pentachlorophenol	17.27	266	613210	90.89	ng		98
70) Phenanthrene	17.67	178	2955977	76.03	ng		97
71) Anthracene	17.77	178	2999788	75.45	ng		94
72) Carbazole	18.03	167	2734861	76.47	ng		96
73) Di-n-butylphthalate	18.56	149	3096837	77.38	ng		97
74) Fluoranthene	19.67	202	3562390	81.10	ng		92
76) Benzidine	19.84	184	1645839	64.26	ng		97
77) Pyrene	20.03	202	3643168	65.12	ng	#	87
79) Butylbenzylphthalate	20.89	149	1666257	69.58	ng		95
80) Benzo(a)anthracene	21.91	228	4072906	71.34	ng		91
81) 3,3'-Dichlorobenzidine	21.82	252	1713909	73.61	ng		99
82) Chrysene	21.98	228	3859241m	70.84	ng		
83) Bis(2-ethylhexyl)phthalate	21.77	149	2317854	69.54	ng	#	95
84) Di-n-octyl phthalate	23.06	149	3816887	68.12	ng		99
85) Indeno(1,2,3-cd)pyrene	29.32	276	5887005	87.48	ng		98
87) Benzo(b)fluoranthene	24.27	252	4682365	77.05	ng		93
88) Benzo(k)fluoranthene	24.34	252	4309014	71.36	ng		96
89) Benzo(a)pyrene	25.21	252	4550719	77.39	ng		97
90) Dibenzo(a,h)anthracene	29.40	278	4994466	83.66	ng		95
91) Benzo(g,h,i)perylene	30.59	276	4973464	84.72	ng		97

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

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