Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102727.D
Acq On : 5 Feb 2018 9:58
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/6/2018 2:25:14 PM

Quant Time: Feb 05 13:27:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	197098	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	861533	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	404940	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	693614	20.00	ng		0.00
75) Chrysene-d12	14.05	240	501237	20.00	ng		0.00
86) Perylene-d12	15.53	264	485927	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1066924	82.21	ng		0.00
7) Phenol-d6	6.50	99	1289477	82.52	ng		0.00
23) Nitrobenzene-d5	7.45	82	1145205	92.21	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	302496	92.81	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1920159	78.68	ng		0.00
78) Terphenyl-d14	13.00	244	1626169	76.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	260559	40.647	ng	#	84
3) Pyridine	3.43	79	708252	39.990	ng		86
4) n-Nitrosodimethylamine	3.39	42	300077	39.601	ng		93
6) Aniline	6.55	93	946606	41.019	ng		98
8) 2-Chlorophenol	6.67	128	555350	41.564	ng		98
9) Benzaldehyde	6.43	77	384533m	33.135	ng		
10) Phenol	6.52	94	692608	41.357	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	560976	40.256	ng		93
12) 1,3-Dichlorobenzene	6.82	146	628755	40.637	ng		98
13) 1,4-Dichlorobenzene	6.90	146	627611	40.720	ng		99
14) 1,2-Dichlorobenzene	7.06	146	580982	40.470	ng		98
15) Benzyl Alcohol	7.02	79	511839	42.602	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1050553	39.685	ng		97
17) 2-Methylphenol	7.13	107	511023	41.464	ng		99
18) Hexachloroethane	7.40	117	223293	42.248	ng		97
19) n-Nitroso-di-n-propylamine	7.30	70	407857	39.586	ng		92
20) 3+4-Methylphenols	7.29	107	617940	40.658	ng	#	83
22) Acetophenone	7.29	105	797831	37.843	ng	#	94
24) Nitrobenzene	7.47	77	626521	42.884	ng		97
25) Isophorone	7.70	82	1115559	39.009	ng		100
26) 2-Nitrophenol	7.78	139	303361	50.087	ng		97
27) 2,4-Dimethylphenol	7.82	122	491338	40.668	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	662961	39.134	ng		99
29) 2,4-Dichlorophenol	8.02	162	460705	41.947	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	487577	39.242	ng		98
31) Naphthalene	8.19	128	1640636	38.977	ng		99
32) Benzoic acid	7.93	122	437419	50.302	ng		99
33) 4-Chloroaniline	8.23	127	728232	40.160	ng		97
34) Hexachlorobutadiene	8.30	225	258130	40.543	ng		98
35) Caprolactam	8.62	113	160365	42.043	ng	#	82
36) 4-Chloro-3-methylphenol	8.71	107	506421	41.038	ng		100
37) 2-Methylnaphthalene	8.88	142	1074465	38.988	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	426823	38.711	ng		97
40) Hexachlorocyclopentadiene	9.03	237	245458	46.830	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	315900	43.620	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	354740	43.460	ng		97
45) 1,1'-Biphenyl	9.35	154	1290564	37.839	ng		100
46) 2-Chloronaphthalene	9.37	162	1051519	39.161	ng		99
47) 2-Nitroaniline	9.46	65	365724	44.418	ng		91
48) Acenaphthylene	9.79	152	1614545	38.714	ng		99
49) Dimethylphthalate	9.65	163	1234619	39.102	ng		100
50) 2,6-Dinitrotoluene	9.70	165	276442	46.020	ng		95
51) Acenaphthene	9.96	154	975732	39.122	ng		100
52) 3-Nitroaniline	9.87	138	335394	45.377	ng		99
53) 2,4-Dinitrophenol	9.97	184	97118	59.252	ng	#	20
54) Dibenzofuran	10.13	168	1357831	38.632	ng		97
55) 4-Nitrophenol	10.02	139	255001	43.894	ng		91
56) 2,4-Dinitrotoluene	10.10	165	362912	45.236	ng		96
57) Fluorene	10.47	166	1005314	39.312	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	254279	44.947	ng		99
59) Diethylphthalate	10.34	149	1221158	39.169	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	457255	40.419	ng		99
61) 4-Nitroaniline	10.49	138	324042	46.059	ng		92
62) Azobenzene	10.62	77	1181936	37.949	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	163603	54.234	ng		91
65) n-Nitrosodiphenylamine	10.58	169	975446	39.870	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	296995	40.478	ng		98
67) Hexachlorobenzene	11.02	284	326705	40.363	ng		97
68) Atrazine	11.11	200	283495	39.278	ng		98
69) Pentachlorophenol	11.21	266	217319	45.737	ng		98
70) Phenanthrene	11.43	178	1494769	38.695	ng		99
71) Anthracene	11.49	178	1496234	38.082	ng		99
72) Carbazole	11.64	167	1497233	38.897	ng		99
73) Di-n-butylphthalate	11.97	149	1868966	39.971	ng		100
74) Fluoranthene	12.62	202	1499001	38.568	ng		99
76) Benzidine	12.74	184	676112	29.349	ng		99
77) Pyrene	12.85	202	1539261	39.162	ng		100
79) Butylbenzylphthalate	13.47	149	800205	42.678	ng		95
80) Benzo(a)anthracene	14.04	228	1247760	39.582	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	506031	43.295	ng		98
82) Chrysene	14.08	228	1236978	38.927	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1056581	43.882	ng		99
84) Di-n-octyl phthalate	14.64	149	1687090	46.665	ng		98
85) Indeno(1,2,3-cd)pyrene	17.02	276	1134288	43.039	ng		99
87) Benzo(b)fluoranthene	15.09	252	1192691	37.858	ng		98
88) Benzo(k)fluoranthene	15.12	252	1182879	39.295	ng		99
89) Benzo(a)pyrene	15.46	252	1108861	39.102	ng	#	96
90) Dibenzo(a,h)anthracene	17.04	278	923149	40.107	ng		99
91) Benzo(g,h,i)perylene	17.47	276	924184	41.022	ng		97

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

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