Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097052.D
Acq On : 26 Jul 2017 2:52
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
7/26/2017 5:54:30 PM

Quant Time: Jul 26 03:40:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	97294	20.00	ng		0.00
21) Naphthalene-d8	7.79	136	410642	20.00	ng		0.00
38) Acenaphthene-d10	9.53	164	160211	20.00	ng		0.00
63) Phenanthrene-d10	11.00	188	228337	20.00	ng		0.00
75) Chrysene-d12	13.63	240	168215	20.00	ng		0.00
86) Perylene-d12	14.97	264	141376	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	533011	82.59	ng		0.00
7) Phenol-d6	6.17	99	603691	81.93	ng		0.00
23) Nitrobenzene-d5	7.07	82	535975	76.57	ng		0.00
41) 2,4,6-Tribromophenol	10.32	330	94990	75.04	ng		0.00
44) 2-Fluorobiphenyl	8.86	172	824809	87.37	ng		0.00
78) Terphenyl-d14	12.59	244	612777	74.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	110778	41.130	ng	#	78
3) Pyridine	2.64	79	371034	44.989	ng	#	60
4) n-Nitrosodimethylamine	2.59	42	201822	44.172	ng		80
6) Aniline	6.16	93	369066	39.805	ng	#	86
8) 2-Chlorophenol	6.29	128	280682	40.671	ng		97
9) Benzaldehyde	6.05	77	173357	39.750	ng		99
10) Phenol	6.18	94	361409	41.353	ng		95
11) bis(2-Chloroethyl)ether	6.25	93	270111	39.077	ng		91
12) 1,3-Dichlorobenzene	6.44	146	305017	41.012	ng		97
13) 1,4-Dichlorobenzene	6.52	146	304024	41.249	ng		95
14) 1,2-Dichlorobenzene	6.67	146	272038	42.272	ng		97
15) Benzyl Alcohol	6.66	79	184770	39.608	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.79	45	523106	37.731	ng		83
17) 2-Methylphenol	6.79	107	209190	39.275	ng	#	93
18) Hexachloroethane	7.01	117	87468	32.439	ng	#	83
19) n-Nitroso-di-n-propylamine	6.93	70	187037	38.565	ng	#	84
20) 3+4-Methylphenols	6.94	107	281941	40.529	ng	#	61
22) Acetophenone	6.92	105	375476	38.075	ng	#	96
24) Nitrobenzene	7.09	77	280672	38.500	ng		93
25) Isophorone	7.33	82	474468	34.611	ng		97
26) 2-Nitrophenol	7.41	139	127946	32.439	ng		92
27) 2,4-Dimethylphenol	7.46	122	236403	36.335	ng		97
28) bis(2-Chloroethoxy)methane	7.55	93	328214	36.689	ng		99
29) 2,4-Dichlorophenol	7.66	162	218993	39.071	ng		96
30) 1,2,4-Trichlorobenzene	7.73	180	206900	38.727	ng		98
31) Naphthalene	7.81	128	754661	38.986	ng		100
32) Benzoic acid	7.62	122	146437m	30.141	ng		
33) 4-Chloroaniline	7.86	127	300516	38.154	ng		99
34) Hexachlorobutadiene	7.93	225	113972	40.240	ng		98
35) Caprolactam	8.25	113	67486	37.549	ng	#	52
36) 4-Chloro-3-methylphenol	8.36	107	226318	37.011	ng		86
37) 2-Methylnaphthalene	8.50	142	452749	36.941	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	186317	43.585	ng		98
40) Hexachlorocyclopentadiene	8.65	237	4429	9.310	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	128175	41.375	ng		99
43) 2,4,5-Trichlorophenol	8.83	196	126489	40.794	ng		94
45) 1,1'-Biphenyl	8.96	154	555689	40.608	ng		98
46) 2-Chloronaphthalene	8.98	162	394515	39.177	ng	#	91
47) 2-Nitroaniline	9.09	65	146438	40.070	ng		94
48) Acenaphthylene	9.39	152	604597	39.115	ng		99
49) Dimethylphthalate	9.27	163	491640	40.410	ng		99
50) 2,6-Dinitrotoluene	9.33	165	92910	36.007	ng	#	73
51) Acenaphthene	9.56	154	352723	38.741	ng		99
52) 3-Nitroaniline	9.50	138	132376	41.331	ng		89
53) 2,4-Dinitrophenol	9.62	184	5666	4.829	ng	#	78
54) Dibenzofuran	9.73	168	471950	38.917	ng		98
55) 4-Nitrophenol	9.68	139	66240	34.777	ng	#	65
56) 2,4-Dinitrotoluene	9.73	165	103165	34.779	ng	#	57
57) Fluorene	10.07	166	354958	38.944	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.86	232	74213	34.664	ng	#	98
59) Diethylphthalate	9.96	149	449184	40.244	ng		99
60) 4-Chlorophenyl-phenylether	10.07	204	154893	41.153	ng		93
61) 4-Nitroaniline	10.10	138	120932	39.737	ng		91
62) Azobenzene	10.23	77	374943	36.210	ng		91
64) 4,6-Dinitro-2-methylphenol	10.15	198	12204	8.601	ng		88
65) n-Nitrosodiphenylamine	10.19	169	344819	43.402	ng		97
66) 4-Bromophenyl-phenylether	10.56	248	94833	41.617	ng		98
67) Hexachlorobenzene	10.63	284	103219	40.393	ng	#	94
68) Atrazine	10.73	200	84705	37.181	ng		96
69) Pentachlorophenol	10.82	266	38149	36.082	ng		96
70) Phenanthrene	11.03	178	480615	39.284	ng		98
71) Anthracene	11.08	178	496207	39.599	ng		98
72) Carbazole	11.24	167	475975	38.623	ng		98
73) Di-n-butylphthalate	11.58	149	642619	42.185	ng		99
74) Fluoranthene	12.21	202	480586	40.097	ng		97
76) Benzidine	12.34	184	257712	41.289	ng	#	94
77) Pyrene	12.43	202	481789	34.985	ng		98
79) Butylbenzylphthalate	13.07	149	258213	36.861	ng		88
80) Benzo(a)anthracene	13.62	228	405069	37.216	ng		97
81) 3,3'-Dichlorobenzidine	13.59	252	162957	39.702	ng	#	95
82) Chrysene	13.65	228	393106	36.987	ng		99
83) Bis(2-ethylhexyl)phthalate	13.63	149	350044	38.272	ng		99
84) Di-n-octyl phthalate	14.24	149	602684	35.907	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.20	276	295569	32.433	ng		99
87) Benzo(b)fluoranthene	14.62	252	330779	38.922	ng		98
88) Benzo(k)fluoranthene	14.64	252	315170m	38.918	ng		
89) Benzo(a)pyrene	14.92	252	298527	38.381	ng		98
90) Dibenzo(a,h)anthracene	16.22	278	240441	37.697	ng		98
91) Benzo(g,h,i)perylene	16.57	276	240981	36.028	ng		97

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

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