Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098032.D
Acq On : 25 Aug 2017 16:00
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/28/2017 3:13:19 PM

Quant Time: Aug 25 23:32:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	119529	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	468276	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	205415	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	399508	20.00	ng		0.00
75) Chrysene-d12	13.89	240	302218	20.00	ng		0.00
86) Perylene-d12	15.30	264	207327	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	637964	81.18	ng		-0.01
7) Phenol-d6	6.37	99	866408	81.15	ng		-0.01
23) Nitrobenzene-d5	7.31	82	761914	88.39	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	150087	84.21	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	1051207	75.19	ng		0.00
78) Terphenyl-d14	12.84	244	1065840	73.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	181446	41.403	ng		88
3) Pyridine	3.12	79	496535	40.984	ng		88
4) n-Nitrosodimethylamine	3.08	42	183589	39.383	ng	#	78
6) Aniline	6.40	93	584263	38.953	ng		97
8) 2-Chlorophenol	6.53	128	335914	40.533	ng		99
9) Benzaldehyde	6.29	77	254394	37.616	ng		90
10) Phenol	6.39	94	512606	41.050	ng		96
11) bis(2-Chloroethyl)ether	6.48	93	366835	38.922	ng		96
12) 1,3-Dichlorobenzene	6.68	146	355930	39.928	ng	#	92
13) 1,4-Dichlorobenzene	6.76	146	356875	39.363	ng	#	94
14) 1,2-Dichlorobenzene	6.92	146	330817	39.573	ng		98
15) Benzyl Alcohol	6.89	79	309699	38.743	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	470613	37.112	ng		92
17) 2-Methylphenol	7.00	107	289964	39.704	ng		96
18) Hexachloroethane	7.25	117	141160	39.713	ng	#	79
19) n-Nitroso-di-n-propylamine	7.16	70	266176	36.417	ng		89
20) 3+4-Methylphenols	7.16	107	343393	38.497	ng	#	85
22) Acetophenone	7.16	105	465458	37.626	ng	#	88
24) Nitrobenzene	7.33	77	417252	43.474	ng		94
25) Isophorone	7.57	82	687927	38.380	ng		97
26) 2-Nitrophenol	7.64	139	165028	47.519	ng	#	74
27) 2,4-Dimethylphenol	7.69	122	298574	39.941	ng		97
28) bis(2-Chloroethoxy)methane	7.78	93	455933	38.691	ng		98
29) 2,4-Dichlorophenol	7.89	162	253316	40.823	ng		95
30) 1,2,4-Trichlorobenzene	7.97	180	272577	39.625	ng		99
31) Naphthalene	8.05	128	951886	39.155	ng		99
32) Benzoic acid	7.82	122	237886	44.254	ng		88
33) 4-Chloroaniline	8.10	127	410179	40.007	ng		98
34) Hexachlorobutadiene	8.16	225	155414	38.695	ng		97
35) Caprolactam	8.48	113	90155m	42.737	ng		
36) 4-Chloro-3-methylphenol	8.58	107	318001	39.887	ng	#	80
37) 2-Methylnaphthalene	8.74	142	583246	39.132	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	249240	39.536	ng		98
40) Hexachlorocyclopentadiene	8.89	237	111558	36.835	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	172985	40.871	ng		99
43) 2,4,5-Trichlorophenol	9.06	196	174549	41.570	ng		97
45) 1,1'-Biphenyl	9.20	154	728907	38.913	ng		97
46) 2-Chloronaphthalene	9.23	162	538760	38.926	ng	#	92
47) 2-Nitroaniline	9.32	65	223374	48.142	ng		94
48) Acenaphthylene	9.64	152	854837	39.331	ng		100
49) Dimethylphthalate	9.50	163	595249	39.643	ng		100
50) 2,6-Dinitrotoluene	9.57	165	130359	43.494	ng	#	67
51) Acenaphthene	9.81	154	515496	37.606	ng		99
52) 3-Nitroaniline	9.73	138	177101	45.799	ng		85
53) 2,4-Dinitrophenol	9.84	184	61190	47.620	ng	#	79
54) Dibenzofuran	9.98	168	710397	38.669	ng		99
55) 4-Nitrophenol	9.89	139	131463	42.618	ng	#	35
56) 2,4-Dinitrotoluene	9.97	165	174359	46.355	ng	#	59
57) Fluorene	10.33	166	562548	39.605	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	136339	41.939	ng		94
59) Diethylphthalate	10.20	149	599659	38.190	ng		100
60) 4-Chlorophenyl-phenylether	10.32	204	256930	38.937	ng		89
61) 4-Nitroaniline	10.35	138	176241	47.953	ng	#	70
62) Azobenzene	10.48	77	703609	37.724	ng		94
64) 4,6-Dinitro-2-methylphenol	10.37	198	89042	47.419	ng		88
65) n-Nitrosodiphenylamine	10.44	169	521528	38.335	ng		98
66) 4-Bromophenyl-phenylether	10.80	248	158501	38.206	ng		97
67) Hexachlorobenzene	10.87	284	162855	38.513	ng	#	82
68) Atrazine	10.96	200	130528	36.178	ng		98
69) Pentachlorophenol	11.06	266	96772	39.251	ng		99
70) Phenanthrene	11.29	178	818349	38.441	ng		99
71) Anthracene	11.33	178	839389	38.874	ng		99
72) Carbazole	11.49	167	818312	39.926	ng		98
73) Di-n-butylphthalate	11.82	149	942894	39.939	ng		99
74) Fluoranthene	12.47	202	894752	40.267	ng		100
76) Benzidine	12.59	184	370300	37.370	ng	#	93
77) Pyrene	12.70	202	928292	37.555	ng		99
79) Butylbenzylphthalate	13.32	149	394889	41.669	ng	#	69
80) Benzo(a)anthracene	13.88	228	671133	37.052	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	253438	41.465	ng	#	96
82) Chrysene	13.92	228	678995	37.683	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	445821	42.453	ng		99
84) Di-n-octyl phthalate	14.49	149	771704	42.234	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	470822	35.520	ng		93
87) Benzo(b)fluoranthene	14.90	252	537753	41.149	ng		97
88) Benzo(k)fluoranthene	14.93	252	500572	40.770	ng	#	92
89) Benzo(a)pyrene	15.24	252	473046	40.888	ng		98
90) Dibenzo(a,h)anthracene	16.70	278	398651	42.326	ng		97
91) Benzo(g,h,i)perylene	17.10	276	426860	43.435	ng	#	91

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

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