Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096859.D
Acq On : 18 Jul 2017 22:25
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/19/2017 2:31:47 PM

Quant Time: Jul 19 03:22:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	102753	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	386119	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	136247	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	207711	20.00	ng		0.00
75) Chrysene-d12	13.73	240	165529	20.00	ng		0.00
86) Perylene-d12	15.10	264	119276	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	518820	75.92	ng		0.00
7) Phenol-d6	6.26	99	627470	76.51	ng		0.00
23) Nitrobenzene-d5	7.17	82	557429	89.42	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	91685	78.84	ng		0.00
44) 2-Fluorobiphenyl	8.96	172	782408	90.73	ng		0.00
78) Terphenyl-d14	12.69	244	659344	69.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	146774	41.740	ng	#	76
3) Pyridine	2.83	79	328032	44.388	ng	#	58
4) n-Nitrosodimethylamine	2.78	42	184808	44.718	ng		80
6) Aniline	6.26	93	381831	37.799	ng	#	61
8) 2-Chlorophenol	6.39	128	295853	40.130	ng		98
9) Benzaldehyde	6.15	77	175029	36.926	ng		98
10) Phenol	6.27	94	358613	38.682	ng		76
11) bis(2-Chloroethyl)ether	6.35	93	273717	39.262	ng		92
12) 1,3-Dichlorobenzene	6.55	146	313106	39.954	ng		99
13) 1,4-Dichlorobenzene	6.62	146	320534	40.389	ng		97
14) 1,2-Dichlorobenzene	6.77	146	294918	40.856	ng		98
15) Benzyl Alcohol	6.75	79	209503	39.020	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.89	45	587048	40.803	ng		94
17) 2-Methylphenol	6.87	107	223658	39.012	ng		97
18) Hexachloroethane	7.12	117	77607	27.578	ng		88
19) n-Nitroso-di-n-propylamine	7.03	70	186369	37.721	ng	#	85
20) 3+4-Methylphenols	7.03	107	274694	39.485	ng	#	70
22) Acetophenone	7.02	105	371209	43.014	ng	#	96
24) Nitrobenzene	7.19	77	289096	44.841	ng		96
25) Isophorone	7.43	82	464080	40.019	ng	#	93
26) 2-Nitrophenol	7.50	139	99432	27.737	ng	#	88
27) 2,4-Dimethylphenol	7.56	122	227871	38.638	ng		95
28) bis(2-Chloroethoxy)methane	7.65	93	315588	40.274	ng		100
29) 2,4-Dichlorophenol	7.75	162	206254	38.636	ng		94
30) 1,2,4-Trichlorobenzene	7.83	180	201920	39.782	ng		97
31) Naphthalene	7.91	128	761863	41.652	ng		100
32) Benzoic acid	7.67	122	72086	19.124	ng		95
33) 4-Chloroaniline	7.96	127	290667	40.109	ng		96
34) Hexachlorobutadiene	8.03	225	116314	42.927	ng		98
35) Caprolactam	8.33	113	57518	33.626	ng	#	57
36) 4-Chloro-3-methylphenol	8.45	107	203313	35.420	ng		88
37) 2-Methylnaphthalene	8.60	142	428095	36.711	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	173238	47.036	ng		99
40) Hexachlorocyclopentadiene	8.75	237	736	5.482	ng		85

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	120367	44.305	ng		100
43) 2,4,5-Trichlorophenol	8.92	196	109240	39.869	ng		97
45) 1,1'-Biphenyl	9.06	154	515420	44.109	ng		99
46) 2-Chloronaphthalene	9.09	162	364815	42.399	ng		95
47) 2-Nitroaniline	9.18	65	131256	44.379	ng		94
48) Acenaphthylene	9.49	152	567882	41.422	ng		99
49) Dimethylphthalate	9.36	163	454065	44.260	ng		99
50) 2,6-Dinitrotoluene	9.42	165	71123	32.007	ng	#	76
51) Acenaphthene	9.67	154	315308	38.933	ng		98
52) 3-Nitroaniline	9.59	138	123311	46.844	ng		81
53) 2,4-Dinitrophenol	9.71	184	449	7.115	ng		89
54) Dibenzofuran	9.84	168	454208	40.021	ng		97
55) 4-Nitrophenol	9.76	139	67052	34.866	ng	#	63
56) 2,4-Dinitrotoluene	9.83	165	80611	28.231	ng	#	77
57) Fluorene	10.18	166	367563	43.828	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	70215	36.951	ng		98
59) Diethylphthalate	10.06	149	414539	41.507	ng		100
60) 4-Chlorophenyl-phenylether	10.17	204	161930	47.268	ng		94
61) 4-Nitroaniline	10.20	138	132815	53.729	ng		91
62) Azobenzene	10.33	77	334156	37.927	ng		92
65) n-Nitrosodiphenylamine	10.29	169	311959	42.015	ng		97
66) 4-Bromophenyl-phenylether	10.66	248	88559	41.760	ng		95
67) Hexachlorobenzene	10.73	284	102229	43.282	ng	#	86
68) Atrazine	10.82	200	74709	35.318	ng		92
69) Pentachlorophenol	10.92	266	47747	41.846	ng		98
70) Phenanthrene	11.13	178	462284	40.932	ng		99
71) Anthracene	11.19	178	465068	40.727	ng		98
72) Carbazole	11.34	167	469782	42.483	ng		99
73) Di-n-butylphthalate	11.68	149	602607	43.757	ng		99
74) Fluoranthene	12.32	202	544055	50.327	ng		98
76) Benzidine	12.44	184	327415	60.377	ng	#	94
77) Pyrene	12.54	202	558172	37.155	ng		99
79) Butylbenzylphthalate	13.17	149	257345	36.054	ng	#	85
80) Benzo(a)anthracene	13.72	228	404074	39.178	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	172649	46.551	ng	#	96
82) Chrysene	13.76	228	398822	39.280	ng		99
83) Bis(2-ethylhexyl)phthalate	13.73	149	347631	39.992	ng		99
84) Di-n-octyl phthalate	14.34	149	661030	46.005	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.39	276	266309	29.550	ng		99
87) Benzo(b)fluoranthene	14.73	252	302325	42.026	ng		99
88) Benzo(k)fluoranthene	14.76	252	311040m	45.660	ng		
89) Benzo(a)pyrene	15.05	252	273276	41.419	ng		100
90) Dibenzo(a,h)anthracene	16.40	278	218367	35.968	ng		97
91) Benzo(g,h,i)perylene	16.78	276	218851	33.663	ng		96

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

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