Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096810.D
Acq On : 17 Jul 2017 10:48
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
7/20/2017 8:36:43 AM

Quant Time: Jul 18 16:41:11 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	6.61	152	114215	20.00	ng		0.01
21) Naphthalene-d8	7.89	136	477130	20.00	ng		0.00
38) Acenaphthene-d10	9.64	164	205862	20.00	ng		0.00
63) Phenanthrene-d10	11.12	188	372577	20.00	ng		0.01
75) Chrysene-d12	13.74	240	253645	20.00	ng		0.00
86) Perylene-d12	15.11	264	221824	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	556517	73.26	ng		0.01
7) Phenol-d6	6.26	99	722287	79.24	ng		0.01
23) Nitrobenzene-d5	7.18	82	599687	77.85	ng		0.01
41) 2,4,6-Tribromophenol	10.43	330	145149	82.60	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	999511	76.71	ng		0.01
78) Terphenyl-d14	12.70	244	985207	67.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	127160	32.533	ng	#	75
3) Pyridine	2.86	79	312038	37.987	ng	#	60
4) n-Nitrosodimethylamine	2.82	42	173128	37.688	ng	#	77
6) Aniline	6.27	93	440714	39.250	ng	#	25
8) 2-Chlorophenol	6.40	128	319879	39.034	ng		96
9) Benzaldehyde	6.16	77	201300	38.207	ng		99
10) Phenol	6.27	94	399859	38.803	ng	#	64
11) bis(2-Chloroethyl)ether	6.35	93	304492	39.293	ng		89
12) 1,3-Dichlorobenzene	6.55	146	343096	39.387	ng		98
13) 1,4-Dichlorobenzene	6.63	146	353634	40.088	ng		95
14) 1,2-Dichlorobenzene	6.79	146	327265	40.788	ng		96
15) Benzyl Alcohol	6.76	79	232658	38.984	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	671516	41.990	ng		93
17) 2-Methylphenol	6.88	107	261978	41.111	ng		97
18) Hexachloroethane	7.12	117	120130	38.404	ng	#	80
19) n-Nitroso-di-n-propylamine	7.04	70	208068	37.887	ng	#	85
20) 3+4-Methylphenols	7.04	107	299323	38.708	ng	#	66
22) Acetophenone	7.03	105	432762	40.581	ng		99
24) Nitrobenzene	7.20	77	306067	38.418	ng		91
25) Isophorone	7.45	82	597668	41.708	ng		95
26) 2-Nitrophenol	7.52	139	178623	40.323	ng		91
27) 2,4-Dimethylphenol	7.56	122	300184	41.191	ng		98
28) bis(2-Chloroethoxy)methane	7.66	93	405998	41.929	ng		99
29) 2,4-Dichlorophenol	7.76	162	254975	38.652	ng		99
30) 1,2,4-Trichlorobenzene	7.84	180	246007	39.223	ng		98
31) Naphthalene	7.92	128	917429	40.589	ng		100
32) Benzoic acid	7.71	122	230439	49.474	ng		94
33) 4-Chloroaniline	7.97	127	365757	40.843	ng		97
34) Hexachlorobutadiene	8.04	225	133478	39.865	ng		99
35) Caprolactam	8.35	113	78383	37.084	ng	#	75
36) 4-Chloro-3-methylphenol	8.46	107	267871	37.765	ng		93
37) 2-Methylnaphthalene	8.60	142	551269	38.256	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	221667	39.833	ng		99
40) Hexachlorocyclopentadiene	8.76	237	74841	38.514	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	162948	39.696	ng		98
43) 2,4,5-Trichlorophenol	8.93	196	164430	39.718	ng		99
45) 1,1'-Biphenyl	9.07	154	695166	39.374	ng		98
46) 2-Chloronaphthalene	9.09	162	518365	39.872	ng		94
47) 2-Nitroaniline	9.19	65	179008	40.057	ng		96
48) Acenaphthylene	9.50	152	812466	39.222	ng		98
49) Dimethylphthalate	9.37	163	612245	39.498	ng		100
50) 2,6-Dinitrotoluene	9.43	165	134964	40.198	ng	#	84
51) Acenaphthene	9.67	154	468293	38.269	ng		99
52) 3-Nitroaniline	9.60	138	164767	41.426	ng		93
53) 2,4-Dinitrophenol	9.71	184	69068	44.787	ng	#	73
54) Dibenzofuran	9.85	168	654539	38.170	ng		98
55) 4-Nitrophenol	9.77	139	116816	40.201	ng	#	76
56) 2,4-Dinitrotoluene	9.83	165	172075	39.884	ng	#	74
57) Fluorene	10.19	166	502891	39.686	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.97	232	118642	41.322	ng		98
59) Diethylphthalate	10.07	149	586715	38.881	ng		98
60) 4-Chlorophenyl-phenylether	10.18	204	215113	39.714	ng		97
61) 4-Nitroaniline	10.21	138	159866	42.802	ng		93
62) Azobenzene	10.34	77	527032	39.590	ng		94
64) 4,6-Dinitro-2-methylphenol	10.25	198	98649	42.171	ng		88
65) n-Nitrosodiphenylamine	10.30	169	484581	36.385	ng		99
66) 4-Bromophenyl-phenylether	10.67	248	149532	39.310	ng		97
67) Hexachlorobenzene	10.74	284	161343	38.083	ng		96
68) Atrazine	10.83	200	149900	39.506	ng		95
69) Pentachlorophenol	10.93	266	86463	42.246	ng		97
70) Phenanthrene	11.14	178	776146	38.313	ng		100
71) Anthracene	11.19	178	754291	36.826	ng		99
72) Carbazole	11.35	167	752125	37.919	ng		99
73) Di-n-butylphthalate	11.69	149	944209	38.223	ng		99
74) Fluoranthene	12.32	202	742585	38.296	ng		99
76) Benzidine	12.44	184	395621m	47.611	ng		
77) Pyrene	12.55	202	809534	35.167	ng		99
79) Butylbenzylphthalate	13.17	149	387719	35.449	ng	#	83
80) Benzo(a)anthracene	13.73	228	627660	39.715	ng		99
81) 3,3'-Dichlorobenzidine	13.70	252	246396	43.355	ng	#	96
82) Chrysene	13.77	228	628597	40.402	ng		98
83) Bis(2-ethylhexyl)phthalate	13.74	149	508720	38.193	ng		99
84) Di-n-octyl phthalate	14.34	149	884596	40.177	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.40	276	459612	32.717	ng		99
87) Benzo(b)fluoranthene	14.73	252	524324	39.192	ng		99
88) Benzo(k)fluoranthene	14.76	252	512251m	40.434	ng		
89) Benzo(a)pyrene	15.06	252	488420	39.804	ng		99
90) Dibenzo(a,h)anthracene	16.42	278	378024	33.481	ng		98
91) Benzo(g,h,i)perylene	16.79	276	404644	33.468	ng		98

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

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