Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
Data File : BF098199.D
Acq On : 31 Aug 2017 17:18
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 01 01:49:57 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	6.72	152	128954	20.00	ng		-0.03
21) Naphthalene-d8	8.00	136	510768	20.00	ng		-0.03
38) Acenaphthene-d10	9.76	164	225431	20.00	ng		-0.03
63) Phenanthrene-d10	11.24	188	417433	20.00	ng		-0.02
75) Chrysene-d12	13.87	240	284473	20.00	ng		-0.02
86) Perylene-d12	15.28	264	223056	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	673334	79.42	ng		-0.03
7) Phenol-d6	6.36	99	935194	81.19	ng		-0.02
23) Nitrobenzene-d5	7.29	82	829223	88.20	ng		-0.03
41) 2,4,6-Tribromophenol	10.55	330	167693	85.73	ng		-0.03
44) 2-Fluorobiphenyl	9.08	172	1173501	76.48	ng		-0.03
78) Terphenyl-d14	12.82	244	1076804	78.94	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	185622	39.260	ng		88
3) Pyridine	3.09	79	515741	39.458	ng	#	84
4) n-Nitrosodimethylamine	3.06	42	182912	36.370	ng	#	66
6) Aniline	6.39	93	623259	38.516	ng		97
8) 2-Chlorophenol	6.50	128	365487	40.879	ng		96
9) Benzaldehyde	6.27	77	265144	36.340	ng		91
10) Phenol	6.37	94	537590	39.904	ng		92
11) bis(2-Chloroethyl)ether	6.46	93	405791	39.908	ng		96
12) 1,3-Dichlorobenzene	6.66	146	386272	40.165	ng		96
13) 1,4-Dichlorobenzene	6.74	146	389937	39.867	ng		95
14) 1,2-Dichlorobenzene	6.89	146	360053	39.923	ng		100
15) Benzyl Alcohol	6.87	79	324212	37.594	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	515164	37.656	ng		90
17) 2-Methylphenol	6.98	107	312575	39.672	ng		98
18) Hexachloroethane	7.23	117	154795	40.366	ng	#	84
19) n-Nitroso-di-n-propylamine	7.15	70	294484	37.346	ng	#	88
20) 3+4-Methylphenols	7.14	107	372374	38.695	ng		92
22) Acetophenone	7.14	105	505043	37.429	ng	#	88
24) Nitrobenzene	7.31	77	447873	42.782	ng		95
25) Isophorone	7.55	82	757172	38.729	ng		97
26) 2-Nitrophenol	7.62	139	186339	49.006	ng	#	80
27) 2,4-Dimethylphenol	7.66	122	327344	40.147	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	509970	39.677	ng		99
29) 2,4-Dichlorophenol	7.86	162	279283	41.264	ng		92
30) 1,2,4-Trichlorobenzene	7.95	180	298373	39.767	ng		99
31) Naphthalene	8.03	128	1045072	39.412	ng		100
32) Benzoic acid	7.80	122	184984	33.388	ng		88
33) 4-Chloroaniline	8.08	127	439732	39.321	ng		98
34) Hexachlorobutadiene	8.15	225	176124	40.204	ng		97
35) Caprolactam	8.46	113	94208	40.943	ng		96
36) 4-Chloro-3-methylphenol	8.56	107	344131	39.574	ng	#	79
37) 2-Methylnaphthalene	8.72	142	640299	39.386	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	275333	39.797	ng		98
40) Hexachlorocyclopentadiene	8.87	237	128862	38.771	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	190511	41.016 ng		99
43) 2,4,5-Trichlorophenol	9.04	196	191937	41.653 ng		97
45) 1,1'-Biphenyl	9.18	154	810405	39.422 ng		95
46) 2-Chloronaphthalene	9.20	162	589181	38.789 ng	#	90
47) 2-Nitroaniline	9.30	65	231472	45.457 ng		96
48) Acenaphthylene	9.62	152	928581	38.930 ng		99
49) Dimethylphthalate	9.49	163	655170	39.759 ng		100
50) 2,6-Dinitrotoluene	9.55	165	141596	43.048 ng	#	73
51) Acenaphthene	9.79	154	553192	36.773 ng		99
52) 3-Nitroaniline	9.72	138	185565	43.727 ng		88
53) 2,4-Dinitrophenol	9.82	184	65541	46.720 ng	#	75
54) Dibenzofuran	9.96	168	770317	38.207 ng		99
55) 4-Nitrophenol	9.88	139	125811	37.164 ng	#	47
56) 2,4-Dinitrotoluene	9.95	165	181280	43.916 ng	#	58
57) Fluorene	10.30	166	607703	38.986 ng		96
58) 2,3,4,6-Tetrachlorophenol	10.08	232	141397	39.633 ng		93
59) Diethylphthalate	10.18	149	644978	37.429 ng		100
60) 4-Chlorophenyl-phenylether	10.30	204	285471	39.421 ng	#	85
61) 4-Nitroaniline	10.33	138	182884	45.342 ng		74
62) Azobenzene	10.46	77	744295	36.362 ng		92
64) 4,6-Dinitro-2-methylphenol	10.36	198	94463	48.018 ng	#	77
65) n-Nitrosodiphenylamine	10.42	169	556362	39.140 ng		98
66) 4-Bromophenyl-phenylether	10.79	248	175025	40.377 ng		93
67) Hexachlorobenzene	10.85	284	178991	40.512 ng	#	88
68) Atrazine	10.95	200	138789	36.816 ng		97
69) Pentachlorophenol	11.05	266	91403	35.481 ng		99
70) Phenanthrene	11.26	178	850134	38.219 ng		99
71) Anthracene	11.32	178	880358	39.021 ng		99
72) Carbazole	11.47	167	825663	38.555 ng		98
73) Di-n-butylphthalate	11.80	149	994141	40.302 ng		100
74) Fluoranthene	12.45	202	886819	38.196 ng		98
76) Benzidine	12.57	184	310219	33.259 ng		95
77) Pyrene	12.67	202	914056	39.286 ng		98
79) Butylbenzylphthalate	13.30	149	386719	43.352 ng	#	76
80) Benzo(a)anthracene	13.86	228	638997	37.479 ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	228718	39.755 ng	#	95
82) Chrysene	13.90	228	630166	37.155 ng		100
83) Bis(2-ethylhexyl)phthalate	13.86	149	470746	47.623 ng	#	99
84) Di-n-octyl phthalate	14.46	149	818260	47.575 ng		98
85) Indeno(1,2,3-cd)pyrene	16.66	276	543695	43.577 ng		95
87) Benzo(b)fluoranthene	14.88	252	532755	37.892 ng		99
88) Benzo(k)fluoranthene	14.91	252	532200	40.290 ng	#	94
89) Benzo(a)pyrene	15.23	252	504545	40.536 ng		97
90) Dibenzo(a,h)anthracene	16.67	278	462590	45.651 ng		97
91) Benzo(g,h,i)perylene	17.07	276	479426	45.343 ng		94

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

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