Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101765.D
Acq On : 27 Dec 2017 16:34
Operator : SJ/JU
Sample : I6957-04 MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-WWMS

Quant Time: Dec 28 04:31:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	159145	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	623090	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	278203	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	487927	20.00	ng		0.00
75) Chrysene-d12	13.97	240	297318	20.00	ng		0.00
86) Perylene-d12	15.44	264	303903	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	882177	82.57	ng		0.01
7) Phenol-d6	6.44	99	980592	73.75	ng		0.00
23) Nitrobenzene-d5	7.36	82	638220	57.02	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	206773	77.13	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1078877	60.16	ng		0.00
78) Terphenyl-d14	12.90	244	873037	70.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	116658	21.250	ng		95
3) Pyridine	3.33	79	290350	19.036	ng		95
4) n-Nitrosodimethylamine	3.28	42	152916	21.774	ng		99
6) Aniline	6.46	93	273893	14.823	ng	#	73
8) 2-Chlorophenol	6.58	128	296990	26.426	ng		99
9) Benzaldehyde	6.35	77	182468	18.582	ng		97
10) Phenol	6.45	94	409293	27.007	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	300062	25.242	ng		97
12) 1,3-Dichlorobenzene	6.73	146	333737	26.311	ng		100
13) 1,4-Dichlorobenzene	6.80	146	345923	26.706	ng		99
14) 1,2-Dichlorobenzene	6.96	146	311158	26.688	ng		99
15) Benzyl Alcohol	6.95	79	237828	25.986	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	510871	28.080	ng		49
17) 2-Methylphenol	7.06	107	239535	23.170	ng	#	85
18) Hexachloroethane	7.29	117	118477	26.308	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	219072	25.088	ng		91
20) 3+4-Methylphenols	7.22	107	334047	30.493	ng		97
22) Acetophenone	7.20	105	427104	30.041	ng	#	96
24) Nitrobenzene	7.38	77	325690	26.290	ng		99
25) Isophorone	7.62	82	591811	26.356	ng		99
26) 2-Nitrophenol	7.70	139	160431	30.144	ng		99
27) 2,4-Dimethylphenol	7.73	122	246183	27.227	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	378435	26.531	ng		98
29) 2,4-Dichlorophenol	7.95	162	251142	28.114	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	259511	27.529	ng		97
31) Naphthalene	8.09	128	859967	27.415	ng		100
33) 4-Chloroaniline	8.16	127	169908	12.462	ng		99
34) Hexachlorobutadiene	8.20	225	152011	27.881	ng		99
35) Caprolactam	8.53	113	81436	26.255	ng		99
36) 4-Chloro-3-methylphenol	8.65	107	261966	26.682	ng		98
37) 2-Methylnaphthalene	8.79	142	576138	28.191	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	273968	29.168	ng		98
40) Hexachlorocyclopentadiene	8.93	237	30145	29.943	ng		93
42) 2,4,6-Trichlorophenol	9.07	196	150090	26.542	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	134426	21.711	ng		95
45) 1,1'-Biphenyl	9.25	154	686511	27.825	ng		100
46) 2-Chloronaphthalene	9.27	162	513798	27.216	ng		99
47) 2-Nitroaniline	9.39	65	169554	25.999	ng		97
48) Acenaphthylene	9.69	152	751924	25.217	ng		100
49) Dimethylphthalate	9.55	163	756087	33.788	ng		99
50) 2,6-Dinitrotoluene	9.63	165	124917	27.466	ng		90
51) Acenaphthene	9.86	154	468438	26.149	ng		100
52) 3-Nitroaniline	9.80	138	110308	19.453	ng		99
54) Dibenzofuran	10.03	168	667083	29.301	ng		96
56) 2,4-Dinitrotoluene	10.05	165	167949	32.776	ng	#	95
57) Fluorene	10.38	166	546510	28.377	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	69802	15.691	ng	#	85
59) Diethylphthalate	10.25	149	558566	25.206	ng		95
60) 4-Chlorophenyl-phenylether	10.36	204	263893	28.590	ng		93
61) 4-Nitroaniline	10.42	138	99952	17.537	ng		95
62) Azobenzene	10.53	77	790455	34.433	ng		94
65) n-Nitrosodiphenylamine	10.49	169	488443	27.111	ng		95
66) 4-Bromophenyl-phenylether	10.86	248	160528	29.280	ng	#	83
67) Hexachlorobenzene	10.93	284	165520	28.526	ng	#	89
68) Atrazine	11.02	200	152571	28.401	ng		97
69) Pentachlorophenol	11.16	266	4613	8.433	ng	#	80
70) Phenanthrene	11.35	178	751864	27.709	ng		99
71) Anthracene	11.40	178	737102	26.594	ng		100
72) Carbazole	11.56	167	566990	21.849	ng		99
73) Di-n-butylphthalate	11.87	149	895196	28.422	ng		99
74) Fluoranthene	12.54	202	664547	23.333	ng		99
76) Benzidine	12.67	184	68347	5.443	ng	#	93
77) Pyrene	12.77	202	642782	28.807	ng		99
79) Butylbenzylphthalate	13.37	149	281305	27.862	ng		95
80) Benzo(a)anthracene	13.96	228	378613	19.285	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	106130	16.579	ng		96
82) Chrysene	14.00	228	374983	20.229	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	420069	32.848	ng		98
84) Di-n-octyl phthalate	14.53	149	615356	26.981	ng		99
85) Indeno(1,2,3-cd)pyrene	16.94	276	72458	4.390	ng		98
87) Benzo(b)fluoranthene	15.02	252	231458	12.495	ng		99
88) Benzo(k)fluoranthene	15.04	252	217060	12.052	ng		96
89) Benzo(a)pyrene	15.39	252	166973	9.778	ng		98
90) Dibenzo(a,h)anthracene	16.93	278	70478	4.807	ng		98
91) Benzo(g,h,i)perylene	17.40	276	56353	3.882	ng		96

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

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