Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099648.D
Acq On : 19 Oct 2017 6:26
Operator : SJ/JU
Sample : I5929-04MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-COMPMSD

Quant Time: Oct 19 16:23:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 22:24:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	88123	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	330473	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	118417	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	195067	20.00	ng		0.00
75) Chrysene-d12	14.00	240	183289	20.00	ng		0.00
86) Perylene-d12	15.46	264	153935	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	654348	118.20	ng		0.03
7) Phenol-d6	6.48	99	701501	102.72	ng		0.00
23) Nitrobenzene-d5	7.40	82	463917	90.03	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	127683	131.77	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	820079	115.61	ng		0.00
78) Terphenyl-d14	12.93	244	642415	79.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	94996	35.924	ng	#	78
3) Pyridine	3.52	79	200144	27.979	ng		92
4) n-Nitrosodimethylamine	3.46	42	101088	33.325	ng	#	74
6) Aniline	6.50	93	109726	11.905	ng	#	88
8) 2-Chlorophenol	6.62	128	250784	40.004	ng		96
9) Benzaldehyde	6.39	77	60242	15.208	ng		88
10) Phenol	6.49	94	258485	33.845	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	253128	42.633	ng		96
12) 1,3-Dichlorobenzene	6.77	146	268456	40.890	ng		97
13) 1,4-Dichlorobenzene	6.85	146	271869	40.700	ng		98
14) 1,2-Dichlorobenzene	7.00	146	251224	40.703	ng		98
15) Benzyl Alcohol	6.98	79	175359	35.004	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	313624	33.904	ng		73
17) 2-Methylphenol	7.09	107	192278	37.485	ng		94
18) Hexachloroethane	7.33	117	80686	33.605	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	158626	36.382	ng		90
20) 3+4-Methylphenols	7.25	107	240571	37.073	ng	#	62
22) Acetophenone	7.24	105	335280	41.874	ng	#	96
24) Nitrobenzene	7.42	77	238341	40.773	ng		94
25) Isophorone	7.65	82	436162	40.938	ng		98
26) 2-Nitrophenol	7.73	139	118806	42.264	ng	#	85
27) 2,4-Dimethylphenol	7.77	122	205426	38.697	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	288284	43.419	ng		99
29) 2,4-Dichlorophenol	7.97	162	188474	41.351	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	201258	44.149	ng		99
31) Naphthalene	8.13	128	683118	44.012	ng		99
32) Benzoic acid	7.91	122	107460	24.643	ng		92
33) 4-Chloroaniline	8.19	127	53958	8.325	ng		95
34) Hexachlorobutadiene	8.24	225	104325	44.432	ng		99
35) Caprolactam	8.56	113	44991	30.773	ng	#	80
36) 4-Chloro-3-methylphenol	8.67	107	176670	34.486	ng		94
37) 2-Methylnaphthalene	8.82	142	437339	43.344	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	169912	48.113	ng		98
40) Hexachlorocyclopentadiene	8.97	237	12835	7.953	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	112414	44.932	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	114144	45.704	ng	#	90
45) 1,1'-Biphenyl	9.29	154	486392	47.792	ng		98
46) 2-Chloronaphthalene	9.32	162	365957	47.892	ng		96
47) 2-Nitroaniline	9.42	65	98676	42.174	ng		92
48) Acenaphthylene	9.73	152	533477	45.606	ng		99
49) Dimethylphthalate	9.59	163	435326	48.708	ng		98
50) 2,6-Dinitrotoluene	9.66	165	87791	45.119	ng	#	76
51) Acenaphthene	9.90	154	315127	42.528	ng		99
52) 3-Nitroaniline	9.83	138	51164	22.552	ng		90
53) 2,4-Dinitrophenol	9.95	184	9908	14.896	ng		94
54) Dibenzofuran	10.07	168	461913	46.819	ng		99
55) 4-Nitrophenol	10.00	139	106988	55.770	ng		84
56) 2,4-Dinitrotoluene	10.06	165	100075	39.630	ng		95
57) Fluorene	10.42	166	358947	45.266	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	81332	47.143	ng		94
59) Diethylphthalate	10.28	149	390525	44.717	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	165658	46.506	ng		90
61) 4-Nitroaniline	10.44	138	85083	38.872	ng		83
62) Azobenzene	10.56	77	326951	40.717	ng		90
64) 4,6-Dinitro-2-methylphenol	10.48	198	8936	7.529	ng	#	74
65) n-Nitrosodiphenylamine	10.52	169	312518	46.246	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	89101	46.665	ng		91
67) Hexachlorobenzene	10.96	284	90632	44.443	ng		93
68) Atrazine	11.05	200	92563	45.526	ng		97
69) Pentachlorophenol	11.16	266	122251	96.323	ng		96
70) Phenanthrene	11.37	178	503049	48.178	ng		98
71) Anthracene	11.43	178	510792	47.811	ng		99
72) Carbazole	11.59	167	491040	46.935	ng		99
73) Di-n-butylphthalate	11.90	149	568097	45.113	ng		98
74) Fluoranthene	12.57	202	554515	52.446	ng		98
76) Benzidine	12.69	184	294053	43.376	ng		96
77) Pyrene	12.80	202	572793	40.983	ng		99
79) Butylbenzylphthalate	13.40	149	273362	41.616	ng		90
80) Benzo(a)anthracene	13.99	228	510739	46.018	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	168430	41.397	ng		98
82) Chrysene	14.03	228	487965	46.181	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	376476	41.624	ng		99
84) Di-n-octyl phthalate	14.57	149	693868	47.643	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.94	276	349926	41.399	ng		97
87) Benzo(b)fluoranthene	15.04	252	459029	48.500	ng		98
88) Benzo(k)fluoranthene	15.07	252	423425	45.295	ng		99
89) Benzo(a)pyrene	15.40	252	396774	45.670	ng		97
90) Dibenzo(a,h)anthracene	16.94	278	293873	42.267	ng		96
91) Benzo(g,h,i)perylene	17.39	276	285349	41.519	ng		98

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

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