Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099647.D
Acq On : 19 Oct 2017 5:59
Operator : SJ/JU
Sample : I5929-04MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-COMPMS

Quant Time: Oct 19 16:22:48 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	90699	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	326120	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	114337	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	179727	20.00	ng		0.00
75) Chrysene-d12	14.00	240	179512	20.00	ng		0.00
86) Perylene-d12	15.46	264	147229	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	716807	125.81	ng		0.03
7) Phenol-d6	6.48	99	762532	108.49	ng		0.00
23) Nitrobenzene-d5	7.40	82	512936	100.87	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	132828	141.97	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	862651	125.95	ng		0.00
78) Terphenyl-d14	12.93	244	680904	86.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	92147	33.857	ng	#	80
3) Pyridine	3.53	79	183386	24.908	ng		92
4) n-Nitrosodimethylamine	3.47	42	100038	32.042	ng	#	78
6) Aniline	6.50	93	83908	8.845	ng	#	78
8) 2-Chlorophenol	6.62	128	253942	39.357	ng		95
9) Benzaldehyde	6.39	77	62181	15.251	ng		91
10) Phenol	6.49	94	260355	33.122	ng		95
11) bis(2-Chloroethyl)ether	6.57	93	248363	40.643	ng		96
12) 1,3-Dichlorobenzene	6.77	146	273333	40.450	ng		97
13) 1,4-Dichlorobenzene	6.85	146	276862	40.270	ng		97
14) 1,2-Dichlorobenzene	7.00	146	251919	39.656	ng		98
15) Benzyl Alcohol	6.98	79	175843	34.103	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	321029	33.719	ng		73
17) 2-Methylphenol	7.09	107	195785	37.085	ng		94
18) Hexachloroethane	7.33	117	80732	32.669	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	159465	35.536	ng		89
20) 3+4-Methylphenols	7.25	107	243198	36.414	ng	#	60
22) Acetophenone	7.24	105	333650	42.227	ng	#	96
24) Nitrobenzene	7.42	77	236752	41.041	ng		94
25) Isophorone	7.65	82	434013	41.280	ng		97
26) 2-Nitrophenol	7.73	139	119569	43.104	ng	#	84
27) 2,4-Dimethylphenol	7.77	122	208445	39.789	ng		96
28) bis(2-Chloroethoxy)methane	7.86	93	295462	45.094	ng		99
29) 2,4-Dichlorophenol	7.97	162	191794	42.642	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	202750	45.070	ng		99
31) Naphthalene	8.13	128	687861	44.909	ng		100
32) Benzoic acid	7.91	122	118131	27.452	ng		94
33) 4-Chloroaniline	8.19	127	43852	6.856	ng		96
34) Hexachlorobutadiene	8.24	225	103100	44.496	ng		98
35) Caprolactam	8.56	113	43352	30.048	ng	#	77
36) 4-Chloro-3-methylphenol	8.67	107	174919	34.600	ng		94
37) 2-Methylnaphthalene	8.82	142	438063	43.995	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	168731	49.483	ng	#	98
40) Hexachlorocyclopentadiene	8.97	237	11224	7.203	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	111281	46.067 ng		99
43) 2,4,5-Trichlorophenol	9.16	196	111690	46.317 ng	#	92
45) 1,1'-Biphenyl	9.29	154	482248	49.076 ng		96
46) 2-Chloronaphthalene	9.32	162	357895	48.508 ng		95
47) 2-Nitroaniline	9.42	65	96042	42.513 ng		89
48) Acenaphthylene	9.73	152	518029	45.866 ng		100
49) Dimethylphthalate	9.59	163	426055	49.372 ng		99
50) 2,6-Dinitrotoluene	9.66	165	83006	44.183 ng	#	79
51) Acenaphthene	9.90	154	302930	42.341 ng		99
52) 3-Nitroaniline	9.83	138	53350	24.354 ng		91
53) 2,4-Dinitrophenol	9.95	184	9565	14.895 ng		93
54) Dibenzofuran	10.07	168	440594	46.252 ng		99
55) 4-Nitrophenol	10.00	139	102479	55.326 ng		84
56) 2,4-Dinitrotoluene	10.06	165	94641	38.816 ng		92
57) Fluorene	10.42	166	346259	45.224 ng		98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	79066	47.465 ng	#	97
59) Diethylphthalate	10.28	149	378696	44.910 ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	157324	45.743 ng		91
61) 4-Nitroaniline	10.45	138	77122	36.492 ng		82
62) Azobenzene	10.56	77	306930	39.587 ng		93
64) 4,6-Dinitro-2-methylphenol	10.48	198	7980	7.298 ng		88
65) n-Nitrosodiphenylamine	10.52	169	298375	47.922 ng		99
66) 4-Bromophenyl-phenylether	10.89	248	84973	48.301 ng		90
67) Hexachlorobenzene	10.96	284	85659	45.589 ng		95
68) Atrazine	11.05	200	85397	45.587 ng		97
69) Pentachlorophenol	11.16	266	124106	106.130 ng		98
70) Phenanthrene	11.37	178	483874	50.297 ng		99
71) Anthracene	11.43	178	491233	49.905 ng		99
72) Carbazole	11.59	167	468826	48.637 ng		99
73) Di-n-butylphthalate	11.90	149	533494	45.981 ng		98
74) Fluoranthene	12.57	202	537418	55.167 ng		98
76) Benzidine	12.69	184	191499	28.842 ng		97
77) Pyrene	12.80	202	565397	41.305 ng		98
79) Butylbenzylphthalate	13.40	149	263850	41.013 ng		90
80) Benzo(a)anthracene	13.99	228	514673	47.348 ng		100
81) 3,3'-Dichlorobenzidine	13.94	252	171165	42.955 ng		99
82) Chrysene	14.03	228	488300	47.185 ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	365216	41.229 ng		99
84) Di-n-octyl phthalate	14.57	149	689047	48.308 ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.94	276	348258	42.069 ng		96
87) Benzo(b)fluoranthene	15.03	252	458187	50.616 ng	#	96
88) Benzo(k)fluoranthene	15.06	252	416731	46.609 ng		97
89) Benzo(a)pyrene	15.40	252	398992	48.017 ng		98
90) Dibenzo(a,h)anthracene	16.94	278	294950	44.354 ng		97
91) Benzo(g,h,i)perylene	17.39	276	286417	43.573 ng		96

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

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