Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
Data File : BF099798.D
Acq On : 24 Oct 2017 19:56
Operator : SJ/JU
Sample : I5956-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-M-6(50-52)MS

Quant Time: Oct 25 08:30:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 23:39:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	82701	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	332461	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	144311	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	208322	20.00	ng		0.00
75) Chrysene-d12	13.98	240	147152	20.00	ng		0.00
86) Perylene-d12	15.45	264	145322	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	489640	92.95	ng		0.01
7) Phenol-d6	6.45	99	575149	92.08	ng		0.00
23) Nitrobenzene-d5	7.37	82	326532	63.23	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	101947	77.52	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	619647	66.25	ng		0.00
78) Terphenyl-d14	12.92	244	380117	56.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	52078	22.388	ng	#	91
3) Pyridine	3.37	79	119036	21.279	ng		89
4) n-Nitrosodimethylamine	3.29	42	53377	26.709	ng	#	72
6) Aniline	6.47	93	169782	20.964	ng		97
8) 2-Chlorophenol	6.59	128	161994	28.854	ng		93
9) Benzaldehyde	6.36	77	89601	24.006	ng		90
10) Phenol	6.46	94	198946	29.010	ng		99
11) bis(2-Chloroethyl)ether	6.54	93	148258	27.996	ng		96
12) 1,3-Dichlorobenzene	6.75	146	169083	26.822	ng		96
13) 1,4-Dichlorobenzene	6.82	146	171382	26.788	ng		97
14) 1,2-Dichlorobenzene	6.97	146	161360	27.673	ng		96
15) Benzyl Alcohol	6.95	79	114264	28.766	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	187224	31.826	ng		54
17) 2-Methylphenol	7.07	107	127720	27.197	ng		96
18) Hexachloroethane	7.31	117	51013	23.900	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	98290	26.853	ng		90
20) 3+4-Methylphenols	7.22	107	166743	30.494	ng	#	72
22) Acetophenone	7.22	105	208767	27.579	ng	#	96
24) Nitrobenzene	7.39	77	149133	28.662	ng		94
25) Isophorone	7.63	82	278647	29.737	ng		97
26) 2-Nitrophenol	7.71	139	74120	24.871	ng	#	87
27) 2,4-Dimethylphenol	7.75	122	137639	31.346	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	184379	28.096	ng		98
29) 2,4-Dichlorophenol	7.96	162	132755	29.104	ng		94
30) 1,2,4-Trichlorobenzene	8.03	180	135496	27.801	ng		97
31) Naphthalene	8.11	128	447054	27.857	ng		99
33) 4-Chloroaniline	8.16	127	136057	20.531	ng		96
34) Hexachlorobutadiene	8.22	225	65961	26.312	ng		100
35) Caprolactam	8.53	113	37245	25.964	ng	#	77
36) 4-Chloro-3-methylphenol	8.65	107	131270	28.195	ng		99
37) 2-Methylnaphthalene	8.80	142	304873	28.348	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	123385	26.472	ng	#	97
40) Hexachlorocyclopentadiene	8.95	237	1422	11.838	ng		94
42) 2,4,6-Trichlorophenol	9.09	196	82150	29.139	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	84369	28.200	ng		94
45) 1,1'-Biphenyl	9.26	154	351755	26.944	ng		98
46) 2-Chloronaphthalene	9.29	162	268139	28.282	ng		96
47) 2-Nitroaniline	9.40	65	70519	28.339	ng	#	80
48) Acenaphthylene	9.70	152	396241	27.135	ng		99
49) Dimethylphthalate	9.56	163	329653	28.845	ng		100
50) 2,6-Dinitrotoluene	9.63	165	64787	26.967	ng		92
51) Acenaphthene	9.87	154	231813	25.981	ng		98
52) 3-Nitroaniline	9.81	138	71849	25.381	ng	#	87
54) Dibenzofuran	10.05	168	345292	27.415	ng		96
55) 4-Nitrophenol	9.99	139	64913	43.887	ng		83
56) 2,4-Dinitrotoluene	10.05	165	76235	26.349	ng	#	96
57) Fluorene	10.39	166	266046	25.512	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	53977	25.732	ng		94
59) Diethylphthalate	10.26	149	298126	26.713	ng		96
60) 4-Chlorophenyl-phenylether	10.38	204	129387	26.363	ng		93
61) 4-Nitroaniline	10.43	138	66982	24.801	ng		82
62) Azobenzene	10.54	77	250912	26.820	ng		94
65) n-Nitrosodiphenylamine	10.50	169	239706	31.171	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	69478	31.680	ng		94
67) Hexachlorobenzene	10.95	284	63232	28.182	ng	#	89
68) Atrazine	11.03	200	68925	29.838	ng		98
69) Pentachlorophenol	11.15	266	36317	37.880	ng		97
70) Phenanthrene	11.36	178	325326	27.672	ng		97
71) Anthracene	11.41	178	335152	28.085	ng		99
72) Carbazole	11.57	167	300722	26.797	ng		98
73) Di-n-butylphthalate	11.89	149	410247	28.661	ng		97
74) Fluoranthene	12.55	202	287531	23.534	ng		97
76) Benzidine	12.67	184	198924	30.894	ng		98
77) Pyrene	12.78	202	293613	26.240	ng		98
79) Butylbenzylphthalate	13.39	149	139671	25.349	ng		89
80) Benzo(a)anthracene	13.97	228	256022	27.445	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	90558	26.743	ng		98
82) Chrysene	14.01	228	242180	27.615	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	201790	26.079	ng		100
84) Di-n-octyl phthalate	14.55	149	346702	26.106	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.93	276	210528	26.149	ng		96
87) Benzo(b)fluoranthene	15.02	252	243651	26.552	ng		98
88) Benzo(k)fluoranthene	15.05	252	252754	29.210	ng		98
89) Benzo(a)pyrene	15.39	252	236567	28.699	ng	#	95
90) Dibenzo(a,h)anthracene	16.93	278	185849	25.374	ng		98
91) Benzo(g,h,i)perylene	17.37	276	162972	22.743	ng		96

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

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