Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099826.D
Acq On : 25 Oct 2017 21:15
Operator : SJ/JU
Sample : I6068-01MS 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06

Manual Integrations APPROVED
Sohil
10/27/2017 8:59:16 AM

Quant Time: Oct 26 13:56:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 17:02:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	79850	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	322737	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	143035	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	252185	20.00	ng		0.00
75) Chrysene-d12	13.99	240	189168	20.00	ng		0.00
86) Perylene-d12	15.46	264	176734	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	121651	23.92	ng		0.00
7) Phenol-d6	6.43	99	155408	25.77	ng		0.00
23) Nitrobenzene-d5	7.36	82	83789	16.71	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	32819	25.18	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	185269	19.98	ng		0.00
78) Terphenyl-d14	12.92	244	160780	18.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	11896	5.297	ng		99
3) Pyridine	3.35	79	28587	5.293	ng	#	81
4) n-Nitrosodimethylamine	3.24	42	9758	5.057	ng	#	87
6) Aniline	6.46	93	35978	4.601	ng	#	79
8) 2-Chlorophenol	6.58	128	46206	8.524	ng		94
9) Benzaldehyde	6.36	77	25811	7.162	ng		90
10) Phenol	6.45	94	63006	9.516	ng		92
11) bis(2-Chloroethyl)ether	6.53	93	42546	8.321	ng		94
12) 1,3-Dichlorobenzene	6.73	146	49655m	8.158	ng		
13) 1,4-Dichlorobenzene	6.81	146	50587	8.189	ng		96
14) 1,2-Dichlorobenzene	6.96	146	48237	8.568	ng		96
15) Benzyl Alcohol	6.95	79	34240	8.928	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	53331	9.389	ng	#	41
17) 2-Methylphenol	7.06	107	38616	8.517	ng		94
18) Hexachloroethane	7.30	117	14318	6.947	ng		95
19) n-Nitroso-di-n-propylamine	7.20	70	30460	8.619	ng		92
20) 3+4-Methylphenols	7.22	107	51868m	9.824	ng		
22) Acetophenone	7.20	105	63747	8.675	ng	#	94
24) Nitrobenzene	7.38	77	42308	8.376	ng		92
25) Isophorone	7.62	82	81203	8.927	ng		97
26) 2-Nitrophenol	7.70	139	22569	7.801	ng	#	82
27) 2,4-Dimethylphenol	7.74	122	41411	9.715	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	53327	8.371	ng		97
29) 2,4-Dichlorophenol	7.96	162	38694	8.738	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	40722	8.607	ng		95
31) Naphthalene	8.10	128	146260	9.388	ng		99
33) 4-Chloroaniline	8.16	127	37042	5.758	ng	#	95
34) Hexachlorobutadiene	8.21	225	19740	8.112	ng		96
35) Caprolactam	8.50	113	10934	7.852	ng	#	76
36) 4-Chloro-3-methylphenol	8.65	107	37864	8.378	ng		95
37) 2-Methylnaphthalene	8.79	142	98397	9.425	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	37929	8.210	ng	#	95
42) 2,4,6-Trichlorophenol	9.08	196	25121	8.990	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	25698	8.666	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.26	154	110941	8.574	ng		97
46) 2-Chloronaphthalene	9.29	162	84663	9.009	ng		93
47) 2-Nitroaniline	9.39	65	21372	8.665	ng		88
48) Acenaphthylene	9.70	152	166740	11.520	ng		98
49) Dimethylphthalate	9.55	163	102048	9.009	ng		100
50) 2,6-Dinitrotoluene	9.63	165	20441	8.584	ng		90
51) Acenaphthene	9.87	154	88709	10.031	ng		99
52) 3-Nitroaniline	9.80	138	21154	7.539	ng		97
53) 2,4-Dinitrophenol	9.95	184	1939	7.675	ng		99
54) Dibenzofuran	10.05	168	124054	9.937	ng		97
55) 4-Nitrophenol	9.99	139	22203	15.145	ng	#	78
56) 2,4-Dinitrotoluene	10.05	165	25137	8.766	ng	#	94
57) Fluorene	10.39	166	107042	10.356	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	18229	8.768	ng	#	94
59) Diethylphthalate	10.25	149	92295	8.344	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	42437	8.724	ng		96
61) 4-Nitroaniline	10.42	138	20087	7.504	ng		91
62) Azobenzene	10.54	77	89540	9.656	ng		84
65) n-Nitrosodiphenylamine	10.50	169	81602	8.766	ng		98
66) 4-Bromophenyl-phenylether	10.87	248	22589	8.508	ng		90
67) Hexachlorobenzene	10.94	284	23077	8.496	ng		95
68) Atrazine	11.02	200	24426	8.735	ng		96
69) Pentachlorophenol	11.15	266	15220	13.114	ng		99
70) Phenanthrene	11.36	178	394991	27.754	ng		97
71) Anthracene	11.41	178	207276	14.348	ng		98
72) Carbazole	11.57	167	143327	10.550	ng		97
73) Di-n-butylphthalate	11.89	149	150266	8.672	ng	#	97
74) Fluoranthene	12.55	202	641871	43.398	ng		99
77) Pyrene	12.79	202	628291	43.679	ng		98
79) Butylbenzylphthalate	13.39	149	59983	8.468	ng		93
80) Benzo(a)anthracene	13.97	228	365072	30.443	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	25740	5.913	ng		97
82) Chrysene	14.02	228	320313	28.412	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	86531	8.699	ng		98
84) Di-n-octyl phthalate	14.56	149	138995	8.141	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.94	276	182091	17.594	ng		99
87) Benzo(b)fluoranthene	15.03	252	353583	31.683	ng	#	97
88) Benzo(k)fluoranthene	15.06	252	192801m	18.321	ng		
89) Benzo(a)pyrene	15.40	252	287057	28.635	ng		98
90) Dibenzo(a,h)anthracene	16.94	278	96805	10.868	ng		98
91) Benzo(g,h,i)perylene	17.39	276	156995	18.015	ng		97

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

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