Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100806.D
Acq On : 22 Nov 2017 3:46
Operator : SJ/JU
Sample : I6466-08MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(4-5)MSD

Manual Integrations APPROVED
Sohil
11/22/2017 5:04:51 PM

Quant Time: Nov 22 07:40:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	80561	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	310970	20.00	ng		-0.01
38) Acenaphthene-d10	9.91	164	136684	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	217649	20.00	ng		0.00
75) Chrysene-d12	14.04	240	154579	20.00	ng		0.00
86) Perylene-d12	15.51	264	140236	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	477698	95.05	ng		0.00
7) Phenol-d6	6.50	99	579820	93.56	ng		0.00
23) Nitrobenzene-d5	7.44	82	351739	74.78	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	131383	94.33	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	658037	73.31	ng		0.00
78) Terphenyl-d14	12.98	244	419858	62.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	59815	24.423	ng		97
3) Pyridine	3.49	79	152213	22.780	ng		92
4) n-Nitrosodimethylamine	3.44	42	85085	26.227	ng		97
6) Aniline	6.54	93	138327	15.799	ng		98
8) 2-Chlorophenol	6.66	128	179582	33.777	ng		94
9) Benzaldehyde	6.43	77	68638	15.509	ng		93
10) Phenol	6.52	94	240992	37.042	ng		97
11) bis(2-Chloroethyl)ether	6.61	93	165254	30.241	ng		97
12) 1,3-Dichlorobenzene	6.82	146	199302	32.514	ng		98
13) 1,4-Dichlorobenzene	6.89	146	199811	32.207	ng		96
14) 1,2-Dichlorobenzene	7.05	146	193850	33.794	ng		97
15) Benzyl Alcohol	7.02	79	150417	31.099	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	277120	31.707	ng		98
17) 2-Methylphenol	7.12	107	148483	32.681	ng		99
18) Hexachloroethane	7.39	117	53596	26.201	ng		90
19) n-Nitroso-di-n-propylamine	7.29	70	122276	28.450	ng		98
20) 3+4-Methylphenols	7.27	107	187550	32.621	ng	#	86
22) Acetophenone	7.29	105	241733	31.879	ng	#	97
24) Nitrobenzene	7.46	77	177196	36.602	ng		96
25) Isophorone	7.69	82	326956	33.079	ng		100
26) 2-Nitrophenol	7.77	139	87397	39.568	ng		95
27) 2,4-Dimethylphenol	7.80	122	163057	36.800	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	210805	32.605	ng		98
29) 2,4-Dichlorophenol	8.01	162	154538	36.534	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	160073	34.985	ng		94
31) Naphthalene	8.18	128	510027	34.052	ng		99
32) Benzoic acid	7.86	122	4758m	10.499	ng		
33) 4-Chloroaniline	8.22	127	99162	15.905	ng		98
34) Hexachlorobutadiene	8.29	225	91544	33.650	ng		99
35) Caprolactam	8.59	113	40614m	27.978	ng		
36) 4-Chloro-3-methylphenol	8.70	107	155275	34.179	ng		98
37) 2-Methylnaphthalene	8.87	142	346461	34.842	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	159643	35.217	ng	#	97
40) Hexachlorocyclopentadiene	9.02	237	13544	6.348	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	109990	38.284	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	109691	36.850	ng		92
45) 1,1'-Biphenyl	9.33	154	402947	34.085	ng		97
46) 2-Chloronaphthalene	9.36	162	311451	36.316	ng		97
47) 2-Nitroaniline	9.46	65	94393	37.872	ng		92
48) Acenaphthylene	9.77	152	471566	33.179	ng		99
49) Dimethylphthalate	9.63	163	391839	37.547	ng		99
50) 2,6-Dinitrotoluene	9.70	165	78342	37.924	ng	#	79
51) Acenaphthene	9.95	154	274350	31.739	ng		98
52) 3-Nitroaniline	9.86	138	71679	29.385	ng		94
53) 2,4-Dinitrophenol	9.97	184	2843	12.064	ng	#	13
54) Dibenzofuran	10.12	168	410915	33.918	ng		98
55) 4-Nitrophenol	10.02	139	104665	52.842	ng		93
56) 2,4-Dinitrotoluene	10.10	165	96291	36.949	ng	#	91
57) Fluorene	10.46	166	306933	34.584	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	78953	32.363	ng	#	85
59) Diethylphthalate	10.33	149	347518	33.276	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	156715	35.995	ng		90
61) 4-Nitroaniline	10.47	138	72911	31.522	ng		88
62) Azobenzene	10.61	77	319174	32.449	ng		94
64) 4,6-Dinitro-2-methylphenol	10.50	198	6959	13.772	ng		80
65) n-Nitrosodiphenylamine	10.57	169	289070	38.197	ng		96
66) 4-Bromophenyl-phenylether	10.94	248	93469	40.061	ng	#	88
67) Hexachlorobenzene	11.01	284	88677	36.340	ng	#	82
68) Atrazine	11.09	200	87178	38.055	ng		97
69) Pentachlorophenol	11.20	266	77546	44.318	ng		99
70) Phenanthrene	11.42	178	400144	34.918	ng		98
71) Anthracene	11.47	178	393506	33.846	ng		100
72) Carbazole	11.63	167	339195	31.619	ng		99
73) Di-n-butylphthalate	11.95	149	470377	37.469	ng		98
74) Fluoranthene	12.61	202	359204	29.576	ng		97
76) Benzidine	12.73	184	105850	17.099	ng		98
77) Pyrene	12.84	202	360381	32.705	ng		99
79) Butylbenzylphthalate	13.45	149	141014	31.380	ng		90
80) Benzo(a)anthracene	14.03	228	331198	35.579	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	110118	33.017	ng	#	96
82) Chrysene	14.06	228	315135	34.960	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	193485	32.737	ng		100
84) Di-n-octyl phthalate	14.62	149	342152	33.698	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	217771	29.868	ng		95
87) Benzo(b)fluoranthene	15.08	252	304768	36.683	ng		98
88) Benzo(k)fluoranthene	15.11	252	282002	35.923	ng	#	95
89) Benzo(a)pyrene	15.45	252	263797	35.815	ng		98
90) Dibenzo(a,h)anthracene	17.01	278	186719	30.998	ng	#	94
91) Benzo(g,h,i)perylene	17.44	276	172004	29.171	ng	#	93

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

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