Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098909.D
Acq On : 28 Sep 2017 15:31
Operator : SJ/JU
Sample : I5447-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MS

Manual Integrations APPROVED
Sohil
9/29/2017 6:03:57 PM

Quant Time: Sep 29 11:39:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	147619	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	590941	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	233725	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	326433	20.00	ng		0.00
75) Chrysene-d12	14.09	240	258947	20.00	ng		0.00
86) Perylene-d12	15.57	264	208754	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1056485	113.93	ng		0.00
7) Phenol-d6	6.55	99	1285337	112.36	ng		0.00
23) Nitrobenzene-d5	7.48	82	786988	85.41	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	187632	98.11	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1254786	89.63	ng		0.00
78) Terphenyl-d14	13.03	244	791724	69.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	126782	28.621	ng		98
3) Pyridine	3.53	79	353224	29.477	ng		99
4) n-Nitrosodimethylamine	3.47	42	188226	37.042	ng	#	95
6) Aniline	6.58	93	245674m	15.912	ng		
8) 2-Chlorophenol	6.70	128	388956	37.038	ng		99
9) Benzaldehyde	6.47	77	85637	12.905	ng		95
10) Phenol	6.56	94	491681	38.432	ng		100
11) bis(2-Chloroethyl)ether	6.65	93	396942	39.910	ng		99
12) 1,3-Dichlorobenzene	6.86	146	399687	36.342	ng		98
13) 1,4-Dichlorobenzene	6.93	146	404872	36.183	ng		99
14) 1,2-Dichlorobenzene	7.09	146	376077	36.374	ng		98
15) Benzyl Alcohol	7.06	79	335602	39.990	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	581498	37.526	ng		98
17) 2-Methylphenol	7.17	107	323401	37.637	ng		99
18) Hexachloroethane	7.43	117	134115	33.345	ng		93
19) n-Nitroso-di-n-propylamine	7.33	70	257826	35.301	ng		99
20) 3+4-Methylphenols	7.32	107	397924	36.607	ng		91
22) Acetophenone	7.33	105	519823	36.307	ng	#	98
24) Nitrobenzene	7.50	77	406615	38.900	ng		95
25) Isophorone	7.74	82	719865	37.785	ng		99
26) 2-Nitrophenol	7.82	139	196791	39.150	ng		93
27) 2,4-Dimethylphenol	7.85	122	351066	36.983	ng		100
28) bis(2-Chloroethoxy)methane	7.95	93	474142	39.936	ng		99
29) 2,4-Dichlorophenol	8.06	162	304336	37.341	ng		97
30) 1,2,4-Trichlorobenzene	8.14	180	311297	38.189	ng		98
31) Naphthalene	8.22	128	1053537	37.959	ng		100
32) Benzoic acid	7.93	122	54098	6.938	ng		95
33) 4-Chloroaniline	8.28	127	323164	27.883	ng		99
34) Hexachlorobutadiene	8.33	225	153625	36.590	ng		98
35) Caprolactam	8.63	113	96882m	37.057	ng		
36) 4-Chloro-3-methylphenol	8.75	107	313595	34.232	ng		97
37) 2-Methylnaphthalene	8.91	142	705457	39.100	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	267291	38.347	ng		98
40) Hexachlorocyclopentadiene	9.06	237	82564	25.919	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	192741	39.032	ng		100
43) 2,4,5-Trichlorophenol	9.23	196	188331	38.206	ng		95
45) 1,1'-Biphenyl	9.37	154	786217	39.140	ng		100
46) 2-Chloronaphthalene	9.40	162	607968	40.311	ng		98
47) 2-Nitroaniline	9.50	65	196986	42.655	ng		99
48) Acenaphthylene	9.82	152	865988	37.508	ng		99
49) Dimethylphthalate	9.67	163	921265	52.225	ng		100
50) 2,6-Dinitrotoluene	9.74	165	149836	39.016	ng		93
51) Acenaphthene	9.99	154	518272	35.437	ng		100
52) 3-Nitroaniline	9.90	138	145272	32.442	ng		99
53) 2,4-Dinitrophenol	10.01	184	12172	11.472	ng		95
54) Dibenzofuran	10.16	168	770157	39.551	ng		99
55) 4-Nitrophenol	10.06	139	218608	57.735	ng		94
56) 2,4-Dinitrotoluene	10.14	165	178497	35.813	ng		98
57) Fluorene	10.50	166	561692	35.888	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	128810	37.828	ng		99
59) Diethylphthalate	10.37	149	672956	39.041	ng		99
60) 4-Chlorophenyl-phenylether	10.49	204	261741	37.229	ng		99
61) 4-Nitroaniline	10.52	138	136316	31.554	ng		99
62) Azobenzene	10.66	77	605334	38.194	ng		95
64) 4,6-Dinitro-2-methylphenol	10.55	198	13257	6.675	ng		93
65) n-Nitrosodiphenylamine	10.61	169	507442	44.872	ng		100
66) 4-Bromophenyl-phenylether	10.99	248	140740	44.047	ng		91
67) Hexachlorobenzene	11.05	284	130368	38.201	ng		97
68) Atrazine	11.13	200	141053	41.457	ng		99
69) Pentachlorophenol	11.25	266	133452	62.834	ng		98
70) Phenanthrene	11.47	178	700355	40.082	ng		99
71) Anthracene	11.52	178	719645	40.253	ng		99
72) Carbazole	11.67	167	642775	36.714	ng		99
73) Di-n-butylphthalate	12.00	149	860226	40.820	ng		99
74) Fluoranthene	12.66	202	687834	38.875	ng		98
76) Benzidine	12.77	184	54490	5.689	ng		99
77) Pyrene	12.89	202	717026	36.313	ng		99
79) Butylbenzylphthalate	13.50	149	332211	35.799	ng		94
80) Benzo(a)anthracene	14.07	228	623894	39.789	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	163438	28.434	ng		99
82) Chrysene	14.11	228	589622	39.498	ng		100
83) Bis(2-ethylhexyl)phthalate	14.05	149	491836	38.491	ng	#	99
84) Di-n-octyl phthalate	14.66	149	848624	41.244	ng		99
85) Indeno(1,2,3-cd)pyrene	17.09	276	399077	33.419	ng		97
87) Benzo(b)fluoranthene	15.14	252	545775	42.522	ng		99
88) Benzo(k)fluoranthene	15.17	252	495580	39.092	ng		99
89) Benzo(a)pyrene	15.52	252	467319	39.665	ng		97
90) Dibenzo(a,h)anthracene	17.11	278	337701	35.816	ng		99
91) Benzo(g,h,i)perylene	17.55	276	328275	35.222	ng		96

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

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