Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109387.D
Acq On : 27 Sep 2018 15:19
Operator : JU/SJ
Sample : J5066-05MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-G3MS

Manual Integrations APPROVED
Sohil
9/28/2018 2:39:31 PM

Quant Time: Sep 27 18:02:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	119409	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	467057	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	227036	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	423050	20.00	ng		0.00
75) Chrysene-d12	13.84	240	238613	20.00	ng		0.00
86) Perylene-d12	15.24	264	289327	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	744084	102.64	ng		0.01
7) Phenol-d6	6.36	99	972860	105.16	ng		0.00
23) Nitrobenzene-d5	7.27	82	626636	79.20	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	252634	112.88	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1093920	72.67	ng		0.00
78) Terphenyl-d14	12.80	244	939180	96.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	91165	27.304	ng		93
3) Pyridine	3.13	79	241154	28.062	ng		93
4) n-Nitrosodimethylamine	3.05	42	121869	33.324	ng	#	99
6) Aniline	6.37	93	308482	26.064	ng	#	23
8) 2-Chlorophenol	6.50	128	263868	32.730	ng		93
9) Benzaldehyde	6.25	77	154910	26.067	ng		99
10) Phenol	6.37	94	349404	33.351	ng	#	68
11) bis(2-Chloroethyl)ether	6.45	93	253173	30.884	ng		97
12) 1,3-Dichlorobenzene	6.65	146	283400	30.531	ng		99
13) 1,4-Dichlorobenzene	6.73	146	283495	30.316	ng		97
14) 1,2-Dichlorobenzene	6.88	146	266764	30.924	ng		97
15) Benzyl Alcohol	6.85	79	235453	33.251	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	354305	30.470	ng		94
17) 2-Methylphenol	6.97	107	215140	32.981	ng		96
18) Hexachloroethane	7.22	117	102442	31.094	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	187976	31.010	ng		99
20) 3+4-Methylphenols	7.12	107	261620	33.219	ng	#	70
22) Acetophenone	7.12	105	360912	33.423	ng	#	94
24) Nitrobenzene	7.29	77	280229	33.311	ng		96
25) Isophorone	7.53	82	518531	36.395	ng		99
26) 2-Nitrophenol	7.60	139	135257	40.655	ng		96
27) 2,4-Dimethylphenol	7.65	122	232604	37.469	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	328172	34.796	ng		99
29) 2,4-Dichlorophenol	7.85	162	226337	34.701	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	230255	31.592	ng		98
31) Naphthalene	8.01	128	752083	34.459	ng		99
32) Benzoic acid	7.65	122	232604	54.127	ng	#	15
33) 4-Chloroaniline	8.06	127	228885	24.006	ng		98
34) Hexachlorobutadiene	8.13	225	139651	31.784	ng		97
35) Caprolactam	8.42	113	67554m	32.440	ng		
36) 4-Chloro-3-methylphenol	8.55	107	238408	34.736	ng		96
37) 2-Methylnaphthalene	8.70	142	513222	36.477	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	231396	32.025	ng		98
40) Hexachlorocyclopentadiene	8.86	237	146274	46.413	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	160267	34.560	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	167562	34.212	ng		98
45) 1,1'-Biphenyl	9.16	154	615321	33.264	ng		99
46) 2-Chloronaphthalene	9.19	162	468519	31.704	ng		99
47) 2-Nitroaniline	9.28	65	150574	35.939	ng		95
48) Acenaphthylene	9.60	152	767445	34.425	ng		99
49) Dimethylphthalate	9.47	163	826113	50.028	ng		99
50) 2,6-Dinitrotoluene	9.53	165	123829	37.863	ng		97
51) Acenaphthene	9.77	154	433099	32.133	ng		98
52) 3-Nitroaniline	9.69	138	116365	30.724	ng		100
53) 2,4-Dinitrophenol	9.80	184	27163	29.435	ng	#	21
54) Dibenzofuran	9.95	168	653031	32.578	ng		98
55) 4-Nitrophenol	9.86	139	181798	63.719	ng		92
56) 2,4-Dinitrotoluene	9.93	165	161679	39.071	ng	#	93
57) Fluorene	10.29	166	492954	34.467	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	134439	34.668	ng		89
59) Diethylphthalate	10.17	149	567798	33.955	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	235906	31.580	ng		94
61) 4-Nitroaniline	10.30	138	128986	34.921	ng		100
62) Azobenzene	10.44	77	556344	32.022	ng		96
64) 4,6-Dinitro-2-methylphenol	10.34	198	32896	23.309	ng		80
65) n-Nitrosodiphenylamine	10.40	169	477462	34.160	ng		96
66) 4-Bromophenyl-phenylether	10.77	248	157714	33.572	ng	#	84
67) Hexachlorobenzene	10.84	284	165086	33.088	ng	#	86
68) Atrazine	10.93	200	159334	37.065	ng		97
69) Pentachlorophenol	11.03	266	127578	42.723	ng		98
70) Phenanthrene	11.24	178	761973	36.073	ng		99
71) Anthracene	11.29	178	748725	34.948	ng		99
72) Carbazole	11.44	167	655167	30.736	ng		100
73) Di-n-butylphthalate	11.79	149	852377	34.735	ng		99
74) Fluoranthene	12.42	202	712179	31.550	ng		97
76) Benzidine	12.54	184	339538	39.467	ng		98
77) Pyrene	12.65	202	676360	39.551	ng		99
79) Butylbenzylphthalate	13.27	149	287774	39.554	ng		95
80) Benzo(a)anthracene	13.83	228	513935	35.758	ng		100
81) 3,3'-Dichlorobenzidine	13.80	252	181427	33.215	ng	#	97
82) Chrysene	13.87	228	498409	34.988	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	354944	38.684	ng		99
84) Di-n-octyl phthalate	14.44	149	602618	38.412	ng		98
85) Indeno(1,2,3-cd)pyrene	16.60	276	529484	45.856	ng	#	93
87) Benzo(b)fluoranthene	14.85	252	556896	35.029	ng		98
88) Benzo(k)fluoranthene	14.87	252	470854	31.211	ng		98
89) Benzo(a)pyrene	15.19	252	515043	35.952	ng		98
90) Dibenzo(a,h)anthracene	16.61	278	431174	36.687	ng	#	96
91) Benzo(g,h,i)perylene	17.00	276	421970	36.532	ng	#	92

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

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