Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110258.D
Acq On : 29 Oct 2018 13:19
Operator : JU/SJ
Sample : J5624-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-SED-01MSD

Manual Integrations APPROVED
Sohil
10/30/2018 2:24:09 PM

Quant Time: Oct 29 14:25:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 12:32:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	97832	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	376452	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	167101	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	269302	20.00	ng		0.00
76) Chrysene-d12	14.16	240	178366	20.00	ng		0.00
87) Perylene-d12	15.69	264	160228	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	861179	143.35	ng		0.01
7) Phenol-d6	6.60	99	1089269	141.75	ng		0.01
23) Nitrobenzene-d5	7.54	82	691332	108.93	ng		0.00
42) 2,4,6-Tribromophenol	10.81	330	229544	138.68	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1197237	112.51	ng		0.00
79) Terphenyl-d14	13.09	244	876957	102.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	93094	29.576	ng		90
3) Pyridine	3.65	79	272729	38.902	ng	#	85
4) n-Nitrosodimethylamine	3.61	42	145120	49.408	ng		91
6) Aniline	6.64	93	324113	32.379	ng	#	53
8) 2-Chlorophenol	6.76	128	316161	45.646	ng		98
9) Benzaldehyde	6.52	77	147241	30.928	ng		97
10) Phenol	6.62	94	530929	64.638	ng	#	65
11) bis(2-Chloroethyl)ether	6.70	93	291359	43.115	ng		94
12) 1,3-Dichlorobenzene	6.91	146	328509	43.098	ng		99
13) 1,4-Dichlorobenzene	6.99	146	332013	43.068	ng		98
14) 1,2-Dichlorobenzene	7.14	146	312349	43.646	ng		98
15) Benzyl Alcohol	7.11	79	275803	46.666	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	467597	43.277	ng		69
17) 2-Methylphenol	7.22	107	257758	46.695	ng	#	83
18) Hexachloroethane	7.48	117	115438	40.901	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	214073	43.424	ng		97
20) 3+4-Methylphenols	7.37	107	324088	45.421	ng		96
22) Acetophenone	7.38	105	436912	50.369	ng	#	98
24) Nitrobenzene	7.56	77	324109	49.462	ng		92
25) Isophorone	7.79	82	590738	54.602	ng		96
26) 2-Nitrophenol	7.87	139	161642	51.838	ng		93
27) 2,4-Dimethylphenol	7.90	122	290660	56.223	ng		97
28) bis(2-Chloroethoxy)methane	7.99	93	377846	51.410	ng		99
29) 2,4-Dichlorophenol	8.11	162	262387	50.237	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	282744	48.329	ng		96
31) Naphthalene	8.27	128	911964	52.562	ng		100
32) Benzoic acid	7.97	122	30710	7.686	ng		94
33) 4-Chloroaniline	8.32	127	217946	27.911	ng		98
34) Hexachlorobutadiene	8.39	225	156264	48.106	ng		99
35) Caprolactam	8.69	113	80419m	44.176	ng		
36) 4-Chloro-3-methylphenol	8.80	107	277111	49.064	ng		93
37) 2-Methylnaphthalene	8.97	142	614025	53.489	ng		99
38) 1-Methylnaphthalene	9.07	142	578019	52.105	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	260137	49.964	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	86109	32.344	ng		97
43) 2,4,6-Trichlorophenol	9.25	196	169369	50.435	ng		96
44) 2,4,5-Trichlorophenol	9.29	196	180055	50.724	ng		95
46) 1,1'-Biphenyl	9.43	154	720808	47.701	ng		98
47) 2-Chloronaphthalene	9.46	162	552290	49.826	ng		98
48) 2-Nitroaniline	9.56	65	168219	50.082	ng		90
49) Acenaphthylene	9.88	152	841541	52.565	ng		99
50) Dimethylphthalate	9.73	163	830407	67.321	ng		100
51) 2,6-Dinitrotoluene	9.80	165	134310	50.549	ng		92
52) Acenaphthene	10.05	154	512679	48.407	ng		98
53) 3-Nitroaniline	9.97	138	115987	36.708	ng		88
54) 2,4-Dinitrophenol	10.07	184	26672	28.832	ng		88
55) Dibenzofuran	10.22	168	733091	49.438	ng		98
56) 4-Nitrophenol	10.13	139	276191	118.104	ng		87
57) 2,4-Dinitrotoluene	10.20	165	172875	51.224	ng	#	86
58) Fluorene	10.57	166	576119	52.203	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	134732m	46.567	ng		
60) Diethylphthalate	10.43	149	620893	51.565	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	274112	47.083	ng		98
62) 4-Nitroaniline	10.59	138	127812	40.671	ng		91
63) Azobenzene	10.72	77	564751	47.252	ng		95
65) 4,6-Dinitro-2-methylphenol	10.61	198	29597	24.055	ng		81
66) n-Nitrosodiphenylamine	10.67	169	492081	55.709	ng		95
67) 4-Bromophenyl-phenylether	11.05	248	156499	53.575	ng		94
68) Hexachlorobenzene	11.12	284	152436	49.182	ng	#	93
69) Atrazine	11.20	200	155535	55.718	ng		99
70) Pentachlorophenol	11.31	266	135388	74.912	ng		96
71) Phenanthrene	11.53	178	961338	68.223	ng		100
72) Anthracene	11.59	178	796404	56.386	ng		99
73) Carbazole	11.74	167	654769	47.479	ng		100
74) Di-n-butylphthalate	12.05	149	851274	54.656	ng		100
75) Fluoranthene	12.73	202	847416	59.256	ng		99
77) Benzidine	12.84	184	203160	37.267	ng		97
78) Pyrene	12.96	202	811206	63.438	ng		98
80) Butylbenzylphthalate	13.56	149	302719	54.542	ng		97
81) Benzo(a)anthracene	14.15	228	646355	61.107	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	176270	47.857	ng		99
83) Chrysene	14.19	228	591945	58.920	ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	409731	54.611	ng		98
85) Di-n-octyl phthalate	14.73	149	681704	58.434	ng	#	99
86) Indeno(1,2,3-cd)pyrene	17.27	276	471092	56.523	ng		97
88) Benzo(b)fluoranthene	15.23	252	596360	64.453	ng		98
89) Benzo(k)fluoranthene	15.26	252	487043m	53.544	ng		
90) Benzo(a)pyrene	15.63	252	509813	59.880	ng		98
91) Dibenzo(a,h)anthracene	17.28	278	377487	51.385	ng		98
92) Benzo(g,h,i)perylene	17.74	276	382267	52.806	ng		97

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

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