Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110216.D
Acq On : 26 Oct 2018 18:12
Operator : JU/SJ
Sample : J5658-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-TS-001MSD

Manual Integrations APPROVED
Sohil
10/29/2018 11:56:42 AM

Quant Time: Oct 29 06:57:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	153689	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	579484	20.00	ng		-0.02
39) Acenaphthene-d10	10.02	164	235122	20.00	ng		-0.01
64) Phenanthrene-d10	11.50	188	356660	20.00	ng		-0.01
76) Chrysene-d12	14.16	240	255925	20.00	ng		0.00
87) Perylene-d12	15.68	264	178338	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1284560	136.11	ng		0.00
7) Phenol-d6	6.60	99	1620345	134.23	ng		0.00
23) Nitrobenzene-d5	7.54	82	1008857	103.26	ng		-0.01
42) 2,4,6-Tribromophenol	10.81	330	280916	120.61	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1502150	100.32	ng		-0.01
79) Terphenyl-d14	13.09	244	1029813	83.69	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	120984	24.468	ng		91
3) Pyridine	3.67	79	359501	32.642	ng	#	85
4) n-Nitrosodimethylamine	3.62	42	191597	41.524	ng		91
6) Aniline	6.65	93	278950	17.739	ng	#	52
8) 2-Chlorophenol	6.76	128	395592	36.357	ng		98
9) Benzaldehyde	6.52	77	191047	24.366	ng		97
10) Phenol	6.62	94	640780	49.659	ng	#	63
11) bis(2-Chloroethyl)ether	6.71	93	367222	34.591	ng		95
12) 1,3-Dichlorobenzene	6.91	146	416922	34.818	ng		98
13) 1,4-Dichlorobenzene	6.99	146	419788	34.663	ng		97
14) 1,2-Dichlorobenzene	7.15	146	385913	34.327	ng		97
15) Benzyl Alcohol	7.11	79	349013	37.591	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	601392	35.431	ng		69
17) 2-Methylphenol	7.22	107	327591	37.777	ng	#	81
18) Hexachloroethane	7.48	117	138784	31.301	ng		95
19) n-Nitroso-di-n-propylamine	7.38	70	271426	35.048	ng		97
20) 3+4-Methylphenols	7.37	107	409416	36.525	ng		94
22) Acetophenone	7.38	105	532383	39.871	ng		97
24) Nitrobenzene	7.56	77	400509	39.707	ng		94
25) Isophorone	7.79	82	734242	44.088	ng		95
26) 2-Nitrophenol	7.87	139	194917	40.608	ng		95
27) 2,4-Dimethylphenol	7.90	122	356378	44.782	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	470061	41.549	ng		99
29) 2,4-Dichlorophenol	8.11	162	320344	39.844	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	341344	37.903	ng		95
31) Naphthalene	8.27	128	1093924	40.959	ng		99
32) Benzoic acid	7.96	122	15039	2.445	ng		88
33) 4-Chloroaniline	8.32	127	122135	10.161	ng		98
34) Hexachlorobutadiene	8.39	225	187106	37.419	ng		99
35) Caprolactam	8.69	113	97257m	34.707	ng		
36) 4-Chloro-3-methylphenol	8.80	107	333514	38.361	ng		97
37) 2-Methylnaphthalene	8.97	142	726458	41.111	ng		99
38) 1-Methylnaphthalene	9.07	142	677751	39.689	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	302722	41.322	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	110545	29.510	ng		97
43) 2,4,6-Trichlorophenol	9.25	196	203444	43.056	ng		94
44) 2,4,5-Trichlorophenol	9.29	196	209091	41.863	ng		95
46) 1,1'-Biphenyl	9.43	154	843450	39.669	ng		98
47) 2-Chloronaphthalene	9.46	162	636023	40.780	ng		98
48) 2-Nitroaniline	9.56	65	205097	43.396	ng		93
49) Acenaphthylene	9.88	152	950430	42.192	ng		98
50) Dimethylphthalate	9.73	163	978970	56.405	ng		99
51) 2,6-Dinitrotoluene	9.80	165	156468	41.852	ng		86
52) Acenaphthene	10.05	154	573214	38.465	ng		98
53) 3-Nitroaniline	9.97	138	122155	27.476	ng		83
54) 2,4-Dinitrophenol	10.07	184	20797	18.285	ng		89
55) Dibenzofuran	10.22	168	803083	38.490	ng		97
56) 4-Nitrophenol	10.13	139	322531	98.020	ng		97
57) 2,4-Dinitrotoluene	10.20	165	194209	40.898	ng	#	81
58) Fluorene	10.56	166	608402	39.180	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	151172	37.133	ng	#	94
60) Diethylphthalate	10.43	149	698122	41.206	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	298150	36.396	ng		100
62) 4-Nitroaniline	10.58	138	136405	30.848	ng		94
63) Azobenzene	10.71	77	617042	36.691	ng		97
65) 4,6-Dinitro-2-methylphenol	10.61	198	21274	13.056	ng		96
66) n-Nitrosodiphenylamine	10.67	169	542892	46.407	ng		97
67) 4-Bromophenyl-phenylether	11.05	248	166905	43.142	ng		97
68) Hexachlorobenzene	11.11	284	164007	39.955	ng	#	88
69) Atrazine	11.19	200	157017	42.472	ng		99
70) Pentachlorophenol	11.30	266	149749	62.563	ng		96
71) Phenanthrene	11.53	178	813660	43.600	ng		99
72) Anthracene	11.58	178	808751	43.235	ng		99
73) Carbazole	11.74	167	706251	38.669	ng		99
74) Di-n-butylphthalate	12.05	149	899802	43.621	ng		99
75) Fluoranthene	12.72	202	856567	45.226	ng		99
77) Benzidine	12.84	184	300866	39.272	ng		97
78) Pyrene	12.96	202	822736	44.842	ng		99
80) Butylbenzylphthalate	13.56	149	349329	43.865	ng		98
81) Benzo(a)anthracene	14.14	228	689764	45.448	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	195014	36.901	ng		98
83) Chrysene	14.18	228	643784	44.660	ng		98
84) Bis(2-ethylhexyl)phthalate	14.11	149	477590	44.364	ng		97
85) Di-n-octyl phthalate	14.73	149	798586	47.708	ng		98
86) Indeno(1,2,3-cd)pyrene	17.25	276	431480	36.081	ng		96
88) Benzo(b)fluoranthene	15.23	252	527374	51.209	ng		98
89) Benzo(k)fluoranthene	15.26	252	492015	48.597	ng	#	97
90) Benzo(a)pyrene	15.62	252	453717	47.880	ng		97
91) Dibenzo(a,h)anthracene	17.27	278	341345	41.747	ng		100
92) Benzo(g,h,i)perylene	17.73	276	353710	43.899	ng		97

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

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