Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110462.D
Acq On : 5 Nov 2018 14:01
Operator : JU/SJ
Sample : J5745-18MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8BMSD

Manual Integrations APPROVED
Sohil
11/6/2018 1:19:12 PM

Quant Time: Nov 06 10:15:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	93930	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	398171	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	193387	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	350358	20.00	ng		0.00
76) Chrysene-d12	14.14	240	190557	20.00	ng		0.00
87) Perylene-d12	15.66	264	165410	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	872341	151.24	ng		0.02
7) Phenol-d6	6.59	99	1137275	154.15	ng		0.01
23) Nitrobenzene-d5	7.53	82	726928	108.29	ng		0.00
42) 2,4,6-Tribromophenol	10.80	330	292574	152.73	ng		0.00
45) 2-Fluorobiphenyl	9.32	172	1347230	109.39	ng		0.00
79) Terphenyl-d14	13.07	244	1196496	130.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	98417	32.566	ng		90
3) Pyridine	3.66	79	231153	34.342	ng		87
4) n-Nitrosodimethylamine	3.61	42	154502	54.788	ng		89
6) Aniline	6.63	93	362982	37.768	ng	#	53
8) 2-Chlorophenol	6.75	128	339115	50.994	ng		96
9) Benzaldehyde	6.51	77	226837	63.111	ng		99
10) Phenol	6.60	94	474270	60.138	ng	#	67
11) bis(2-Chloroethyl)ether	6.69	93	307722	47.428	ng		93
12) 1,3-Dichlorobenzene	6.90	146	341446	46.656	ng		97
13) 1,4-Dichlorobenzene	6.97	146	346654	46.836	ng		98
14) 1,2-Dichlorobenzene	7.13	146	331707	48.276	ng		99
15) Benzyl Alcohol	7.10	79	299589	52.797	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	498141	48.019	ng		72
17) 2-Methylphenol	7.20	107	277851	52.426	ng	#	85
18) Hexachloroethane	7.46	117	131182	48.410	ng		93
19) n-Nitroso-di-n-propylamine	7.37	70	235988	49.858	ng		96
20) 3+4-Methylphenols	7.36	107	350110	51.106	ng		92
22) Acetophenone	7.37	105	473012	51.556	ng	#	96
24) Nitrobenzene	7.55	77	351505	50.717	ng		93
25) Isophorone	7.78	82	667831	58.361	ng		96
26) 2-Nitrophenol	7.86	139	185042	56.106	ng		95
27) 2,4-Dimethylphenol	7.89	122	309835	56.663	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	413862	53.239	ng		99
29) 2,4-Dichlorophenol	8.10	162	294247	53.264	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	303145	48.990	ng		97
31) Naphthalene	8.26	128	983845	53.612	ng		99
32) Benzoic acid	7.98	122	40498	9.583	ng		96
33) 4-Chloroaniline	8.31	127	205994	24.941	ng		97
34) Hexachlorobutadiene	8.37	225	167444	48.736	ng		99
35) Caprolactam	8.69	113	99165m	51.502	ng		
36) 4-Chloro-3-methylphenol	8.79	107	324140	54.260	ng		97
37) 2-Methylnaphthalene	8.96	142	695073	57.246	ng		99
38) 1-Methylnaphthalene	9.06	142	653939	55.733	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	296539	49.214	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	279350	90.667	ng		99
43) 2,4,6-Trichlorophenol	9.23	196	201423	51.827	ng		94
44) 2,4,5-Trichlorophenol	9.27	196	213367	51.938	ng		95
46) 1,1'-Biphenyl	9.42	154	851691	48.702	ng		99
47) 2-Chloronaphthalene	9.45	162	641771	50.029	ng		98
48) 2-Nitroaniline	9.55	65	207578	53.400	ng		97
49) Acenaphthylene	9.86	152	992479	53.566	ng		98
50) Dimethylphthalate	9.72	163	952196	66.702	ng		99
51) 2,6-Dinitrotoluene	9.79	165	166817	54.250	ng		98
52) Acenaphthene	10.03	154	601960	49.111	ng		98
53) 3-Nitroaniline	9.96	138	131297	35.906	ng		84
54) 2,4-Dinitrophenol	10.07	184	69603	58.519	ng		87
55) Dibenzofuran	10.21	168	863132	50.296	ng		97
56) 4-Nitrophenol	10.13	139	336201	124.224	ng		98
57) 2,4-Dinitrotoluene	10.20	165	216057	55.317	ng		95
58) Fluorene	10.55	166	707868	55.423	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.33	232	178437	53.290	ng		94
60) Diethylphthalate	10.42	149	721544	51.779	ng		100
61) 4-Chlorophenyl-phenylether	10.54	204	332091	49.289	ng		96
62) 4-Nitroaniline	10.59	138	179294	49.298	ng		91
63) Azobenzene	10.70	77	705213	50.984	ng		97
65) 4,6-Dinitro-2-methylphenol	10.61	198	77038	48.128	ng		91
66) n-Nitrosodiphenylamine	10.66	169	604517	52.604	ng		95
67) 4-Bromophenyl-phenylether	11.03	248	195984	51.570	ng	#	89
68) Hexachlorobenzene	11.10	284	207943	51.569	ng		99
69) Atrazine	11.19	200	192945	53.129	ng		99
70) Pentachlorophenol	11.30	266	179185	76.208	ng		98
71) Phenanthrene	11.52	178	985993	53.784	ng		100
72) Anthracene	11.57	178	1020360	55.529	ng		99
73) Carbazole	11.73	167	877013	48.882	ng		99
74) Di-n-butylphthalate	12.03	149	1068554	52.734	ng		100
75) Fluoranthene	12.71	202	952661	51.204	ng		99
77) Benzidine	12.83	184	73517	9.446	ng		97
78) Pyrene	12.94	202	933382	68.323	ng		99
80) Butylbenzylphthalate	13.54	149	376433	63.484	ng		97
81) Benzo(a)anthracene	14.13	228	647459	57.295	ng		99
82) 3,3'-Dichlorobenzidine	14.09	252	137518	34.947	ng		99
83) Chrysene	14.17	228	594474	55.386	ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	481888	60.119	ng		98
85) Di-n-octyl phthalate	14.70	149	685847	55.028	ng		99
86) Indeno(1,2,3-cd)pyrene	17.24	276	621306	69.777	ng		97
88) Benzo(b)fluoranthene	15.21	252	515544	53.973	ng		99
89) Benzo(k)fluoranthene	15.24	252	510365m	54.350	ng		
90) Benzo(a)pyrene	15.60	252	507868	57.783	ng		98
91) Dibenzo(a,h)anthracene	17.25	278	512109	67.527	ng		98
92) Benzo(g,h,i)perylene	17.72	276	534784	71.560	ng		99

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

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