Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109478.D
Acq On : 1 Oct 2018 17:47
Operator : JU/SJ
Sample : J5145-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-042MS

Quant Time: Oct 01 18:14:27 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	6.70	152	112558	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	440096	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	201664	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	360144	20.00	ng		0.00
75) Chrysene-d12	13.84	240	251193	20.00	ng		0.00
86) Perylene-d12	15.25	264	235822	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	635160	92.94	ng		0.01
7) Phenol-d6	6.36	99	779986	89.45	ng		0.00
23) Nitrobenzene-d5	7.27	82	492434	66.05	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	186819	93.97	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	858112	64.18	ng		-0.01
78) Terphenyl-d14	12.80	244	730508	71.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	76353	24.260	ng		91
3) Pyridine	3.13	79	195968	24.192	ng		88
4) n-Nitrosodimethylamine	3.05	42	97685	28.337	ng	#	98
6) Aniline	6.37	93	262524	23.531	ng	#	31
8) 2-Chlorophenol	6.50	128	220585	29.027	ng		96
9) Benzaldehyde	6.25	77	107191	19.135	ng		99
10) Phenol	6.37	94	278631	28.215	ng	#	64
11) bis(2-Chloroethyl)ether	6.45	93	216830	28.060	ng		96
12) 1,3-Dichlorobenzene	6.65	146	243112	27.785	ng		97
13) 1,4-Dichlorobenzene	6.72	146	245312	27.829	ng		99
14) 1,2-Dichlorobenzene	6.88	146	226277	27.827	ng		96
15) Benzyl Alcohol	6.86	79	189630	28.410	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	293874	26.811	ng		77
17) 2-Methylphenol	6.97	107	176738	28.743	ng	#	94
18) Hexachloroethane	7.22	117	76756	24.716	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	159530	27.919	ng		99
20) 3+4-Methylphenols	7.13	107	227103	30.591	ng		91
22) Acetophenone	7.12	105	312830	30.745	ng		99
24) Nitrobenzene	7.29	77	231700	29.229	ng		95
25) Isophorone	7.53	82	428337	31.906	ng		96
26) 2-Nitrophenol	7.60	139	97438	31.082	ng		97
27) 2,4-Dimethylphenol	7.65	122	195964	33.500	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	270069	30.390	ng		98
29) 2,4-Dichlorophenol	7.85	162	186155	30.289	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	192015	27.960	ng		97
31) Naphthalene	8.01	128	624077	30.346	ng		99
32) Benzoic acid	7.76	122	48706	17.315	ng		93
33) 4-Chloroaniline	8.06	127	210250	23.402	ng		98
34) Hexachlorobutadiene	8.13	225	114880	27.748	ng		99
35) Caprolactam	8.42	113	58010	29.564	ng	#	86
36) 4-Chloro-3-methylphenol	8.55	107	193769	29.961	ng		98
37) 2-Methylnaphthalene	8.70	142	415297	31.325	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	189091	29.463	ng		98
40) Hexachlorocyclopentadiene	8.86	237	81064	28.958	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	129974	31.554	ng		97
43) 2,4,5-Trichlorophenol	9.03	196	136148	31.296	ng		95
45) 1,1'-Biphenyl	9.16	154	498766	30.356	ng		97
46) 2-Chloronaphthalene	9.19	162	374152	28.504	ng		99
47) 2-Nitroaniline	9.29	65	122023	32.788	ng		98
48) Acenaphthylene	9.60	152	600426	30.321	ng		100
49) Dimethylphthalate	9.47	163	540178	36.828	ng		99
50) 2,6-Dinitrotoluene	9.53	165	89959	30.967	ng		97
51) Acenaphthene	9.77	154	336664	28.120	ng		99
52) 3-Nitroaniline	9.69	138	97464	28.971	ng		92
53) 2,4-Dinitrophenol	9.80	184	17702	23.860	ng	#	21
54) Dibenzofuran	9.95	168	507277	28.491	ng		100
55) 4-Nitrophenol	9.87	139	133599	52.717	ng		98
56) 2,4-Dinitrotoluene	9.93	165	112863	30.706	ng	#	94
57) Fluorene	10.29	166	386059	30.389	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	106026	30.781	ng		89
59) Diethylphthalate	10.16	149	450832	30.352	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	189064	28.494	ng		90
61) 4-Nitroaniline	10.30	138	101126	30.823	ng		96
62) Azobenzene	10.44	77	413582	26.800	ng		94
64) 4,6-Dinitro-2-methylphenol	10.34	198	19410	18.156	ng		87
65) n-Nitrosodiphenylamine	10.40	169	366288	30.783	ng		95
66) 4-Bromophenyl-phenylether	10.76	248	120615	30.159	ng		92
67) Hexachlorobenzene	10.84	284	121963	28.714	ng	#	85
68) Atrazine	10.93	200	113580	31.037	ng		97
69) Pentachlorophenol	11.03	266	116520	45.835	ng		99
70) Phenanthrene	11.24	178	534581	29.729	ng		99
71) Anthracene	11.29	178	553204	30.332	ng		99
72) Carbazole	11.45	167	486560	26.813	ng		99
73) Di-n-butylphthalate	11.79	149	656367	31.420	ng		98
74) Fluoranthene	12.42	202	519983	27.059	ng		97
76) Benzidine	12.55	184	373260	41.214	ng		97
77) Pyrene	12.65	202	517376	28.739	ng		99
79) Butylbenzylphthalate	13.27	149	234550	30.624	ng		96
80) Benzo(a)anthracene	13.83	228	422833	27.946	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	171354	29.800	ng		99
82) Chrysene	13.87	228	413625	27.582	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	299939	31.052	ng		99
84) Di-n-octyl phthalate	14.44	149	530440	32.118	ng		97
85) Indeno(1,2,3-cd)pyrene	16.61	276	355376	29.236	ng	#	93
87) Benzo(b)fluoranthene	14.85	252	414322	31.974	ng		98
88) Benzo(k)fluoranthene	14.88	252	337035	27.409	ng	#	96
89) Benzo(a)pyrene	15.19	252	350676	30.033	ng		98
90) Dibenzo(a,h)anthracene	16.62	278	297793	31.087	ng	#	95
91) Benzo(g,h,i)perylene	17.01	276	290246	30.829	ng	#	92

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

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