Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110158.D
Acq On : 25 Oct 2018 13:39
Operator : JU/SJ
Sample : J5618-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1018-S-DH-15MS

Manual Integrations APPROVED
Sohil
10/26/2018 3:49:13 PM

Quant Time: Oct 26 03:08:58 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	153388	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	628305	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	289751	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	506155	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	263632	20.00	ng		-0.01
87) Perylene-d12	15.67	264	259352	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	809556	85.95	ng		0.00
7) Phenol-d6	6.59	99	1039962	86.32	ng		-0.01
23) Nitrobenzene-d5	7.53	82	647707	61.14	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	248137	86.45	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1160363	62.88	ng		-0.01
79) Terphenyl-d14	13.09	244	939445	74.11	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	98386	19.936	ng		91
3) Pyridine	3.66	79	259320	23.592	ng		88
4) n-Nitrosodimethylamine	3.61	42	139640	30.323	ng		93
6) Aniline	6.63	93	230319	14.675	ng	#	52
8) 2-Chlorophenol	6.75	128	307917	28.354	ng		97
9) Benzaldehyde	6.52	77	160284	19.788	ng		94
10) Phenol	6.60	94	439563	34.132	ng	#	65
11) bis(2-Chloroethyl)ether	6.70	93	284757	26.876	ng		92
12) 1,3-Dichlorobenzene	6.91	146	319140	26.704	ng		95
13) 1,4-Dichlorobenzene	6.99	146	322747	26.703	ng		99
14) 1,2-Dichlorobenzene	7.14	146	301150	26.840	ng		99
15) Benzyl Alcohol	7.10	79	268346	28.959	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.23	45	468178	27.636	ng		68
17) 2-Methylphenol	7.21	107	251031	29.005	ng	#	80
18) Hexachloroethane	7.48	117	116972	26.434	ng		99
19) n-Nitroso-di-n-propylamine	7.37	70	205657	26.608	ng		95
20) 3+4-Methylphenols	7.36	107	317390	28.371	ng		96
22) Acetophenone	7.37	105	416899	28.796	ng	#	97
24) Nitrobenzene	7.55	77	315011	28.804	ng		93
25) Isophorone	7.79	82	572530	31.707	ng		95
26) 2-Nitrophenol	7.86	139	154331	29.654	ng		97
27) 2,4-Dimethylphenol	7.89	122	274197	31.778	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	364292	29.698	ng		99
29) 2,4-Dichlorophenol	8.10	162	251706	28.874	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	272557	27.914	ng		96
31) Naphthalene	8.27	128	884148	30.532	ng		99
32) Benzoic acid	7.97	122	64937	9.737	ng		92
33) 4-Chloroaniline	8.32	127	86631	6.647	ng		98
34) Hexachlorobutadiene	8.38	225	145131	26.769	ng		99
35) Caprolactam	8.68	113	88065m	28.985	ng		
36) 4-Chloro-3-methylphenol	8.80	107	268773	28.512	ng		95
37) 2-Methylnaphthalene	8.96	142	599508	31.290	ng		99
38) 1-Methylnaphthalene	9.06	142	562207	30.365	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	255551	28.306	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	224163	48.558	ng		96
43) 2,4,6-Trichlorophenol	9.24	196	170823	29.336	ng		97
44) 2,4,5-Trichlorophenol	9.28	196	183815	29.864	ng		96
46) 1,1'-Biphenyl	9.43	154	723157	27.599	ng		100
47) 2-Chloronaphthalene	9.46	162	544249	28.317	ng		99
48) 2-Nitroaniline	9.55	65	168788	28.980	ng		92
49) Acenaphthylene	9.87	152	844522	30.422	ng		98
50) Dimethylphthalate	9.73	163	763634	35.703	ng		100
51) 2,6-Dinitrotoluene	9.79	165	137863	29.923	ng		91
52) Acenaphthene	10.05	154	535270	29.146	ng		98
53) 3-Nitroaniline	9.96	138	87802	16.026	ng		83
54) 2,4-Dinitrophenol	10.07	184	46651	29.038	ng		85
55) Dibenzofuran	10.22	168	738613	28.726	ng		98
56) 4-Nitrophenol	10.12	139	287907	71.001	ng		96
57) 2,4-Dinitrotoluene	10.20	165	179224	30.626	ng	#	85
58) Fluorene	10.56	166	577322	30.169	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	141768m	28.258	ng		
60) Diethylphthalate	10.43	149	612903	29.355	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	277044	27.444	ng		98
62) 4-Nitroaniline	10.58	138	127404	23.380	ng		90
63) Azobenzene	10.71	77	583365	28.149	ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	46512	20.113	ng		87
66) n-Nitrosodiphenylamine	10.67	169	504916	30.413	ng		97
67) 4-Bromophenyl-phenylether	11.04	248	163539	29.787	ng		92
68) Hexachlorobenzene	11.11	284	167148	28.693	ng		95
69) Atrazine	11.19	200	159875	30.472	ng		98
70) Pentachlorophenol	11.30	266	148647	43.760	ng		96
71) Phenanthrene	11.53	178	826688	31.214	ng		100
72) Anthracene	11.58	178	828547	31.211	ng		100
73) Carbazole	11.73	167	680462	26.253	ng		100
74) Di-n-butylphthalate	12.05	149	892887	30.501	ng		99
75) Fluoranthene	12.72	202	723557	26.919	ng		99
77) Benzidine	12.84	184	161116	16.482	ng		97
78) Pyrene	12.95	202	689448	36.478	ng		98
80) Butylbenzylphthalate	13.56	149	284132	34.636	ng		97
81) Benzo(a)anthracene	14.14	228	480470	30.733	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	103228	18.962	ng		100
83) Chrysene	14.17	228	453892	30.567	ng		98
84) Bis(2-ethylhexyl)phthalate	14.11	149	365501	32.959	ng		95
85) Di-n-octyl phthalate	14.73	149	533454	30.937	ng		98
86) Indeno(1,2,3-cd)pyrene	17.24	276	500916	40.663	ng		96
88) Benzo(b)fluoranthene	15.22	252	450512	30.081	ng		99
89) Benzo(k)fluoranthene	15.25	252	427940m	29.065	ng		
90) Benzo(a)pyrene	15.61	252	439727	31.908	ng		97
91) Dibenzo(a,h)anthracene	17.26	278	422536	35.534	ng		98
92) Benzo(g,h,i)perylene	17.72	276	399776	34.118	ng		97

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

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