Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107201.D
Acq On : 7 Jul 2018 12:56
Operator : JU/SJ
Sample : J3791-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ZER-SB-03-11-72MS

Quant Time: Jul 09 02:11:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	56965	20.00	ng		-0.02
21) Naphthalene-d8	8.23	136	220658	20.00	ng		-0.02
38) Acenaphthene-d10	9.99	164	114127	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	215931	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	148820	20.00	ng		-0.03
86) Perylene-d12	15.67	264	163788	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	323050	96.03	ng		-0.01
7) Phenol-d6	6.60	99	403370	96.02	ng		-0.02
23) Nitrobenzene-d5	7.51	82	253479	63.84	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	131217	99.20	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	434653	60.15	ng		-0.02
78) Terphenyl-d14	13.07	244	471898	76.81	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	44717	25.855	ng		98
3) Pyridine	3.61	79	132969	28.348	ng		98
4) n-Nitrosodimethylamine	3.57	42	55512	27.865	ng	#	79
6) Aniline	6.61	93	163028	28.608	ng	#	83
8) 2-Chlorophenol	6.74	128	128696	34.879	ng		97
9) Benzaldehyde	6.50	77	65823	20.112	ng		99
10) Phenol	6.61	94	165099	34.435	ng		75
11) bis(2-Chloroethyl)ether	6.68	93	125716	31.762	ng		98
12) 1,3-Dichlorobenzene	6.88	146	143353	33.171	ng		99
13) 1,4-Dichlorobenzene	6.96	146	144642	33.105	ng		99
14) 1,2-Dichlorobenzene	7.11	146	136548	34.102	ng		98
15) Benzyl Alcohol	7.09	79	110450	32.742	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	179529	34.570	ng	#	47
17) 2-Methylphenol	7.21	107	109791	34.770	ng	#	91
18) Hexachloroethane	7.45	117	48770	31.742	ng		91
19) n-Nitroso-di-n-propylamine	7.35	70	89303	32.248	ng		92
20) 3+4-Methylphenols	7.36	107	140525	39.953	ng	#	77
22) Acetophenone	7.35	105	176069	35.666	ng	#	97
24) Nitrobenzene	7.53	77	138584	34.186	ng		98
25) Isophorone	7.77	82	254127	36.321	ng		98
26) 2-Nitrophenol	7.85	139	71892	37.568	ng		94
27) 2,4-Dimethylphenol	7.88	122	116682	39.448	ng		98
28) bis(2-Chloroethoxy)methane	7.97	93	162808	34.657	ng		97
29) 2,4-Dichlorophenol	8.10	162	118866	38.385	ng		93
30) 1,2,4-Trichlorobenzene	8.17	180	124556	36.512	ng		99
31) Naphthalene	8.25	128	364823	35.363	ng		100
32) Benzoic acid	7.98	122	4387	7.527	ng		95
33) 4-Chloroaniline	8.30	127	122945	28.402	ng		99
34) Hexachlorobutadiene	8.35	225	83835	37.715	ng		97
35) Caprolactam	8.67	113	34324	34.003	ng		97
36) 4-Chloro-3-methylphenol	8.80	107	119025	36.517	ng		96
37) 2-Methylnaphthalene	8.94	142	268754	39.303	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	139690	36.345	ng	#	96
40) Hexachlorocyclopentadiene	9.08	237	41108	20.789	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	78573	30.755	ng		94
43) 2,4,5-Trichlorophenol	9.28	196	82194	30.832	ng		89
45) 1,1'-Biphenyl	9.41	154	319795	35.160	ng		98
46) 2-Chloronaphthalene	9.44	162	238396	33.299	ng		94
47) 2-Nitroaniline	9.54	65	75492	31.357	ng		92
48) Acenaphthylene	9.85	152	371405	32.858	ng		99
49) Dimethylphthalate	9.70	163	349407	40.820	ng		98
50) 2,6-Dinitrotoluene	9.78	165	65001	35.862	ng	#	82
51) Acenaphthene	10.02	154	224166	31.494	ng		96
52) 3-Nitroaniline	9.95	138	56391	27.036	ng		99
53) 2,4-Dinitrophenol	10.07	184	13218	18.440	ng	#	15
54) Dibenzofuran	10.20	168	342475	35.139	ng		96
55) 4-Nitrophenol	10.13	139	45388	31.176	ng		93
56) 2,4-Dinitrotoluene	10.18	165	83213	35.172	ng		94
57) Fluorene	10.54	166	270925	35.030	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	67044	31.638	ng	#	78
59) Diethylphthalate	10.40	149	256056	30.994	ng	#	91
60) 4-Chlorophenyl-phenylether	10.52	204	141590	34.989	ng	#	84
61) 4-Nitroaniline	10.57	138	61810	29.860	ng		90
62) Azobenzene	10.68	77	250841	30.833	ng		96
64) 4,6-Dinitro-2-methylphenol	10.60	198	35550	26.634	ng	#	73
65) n-Nitrosodiphenylamine	10.65	169	231612	31.890	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	93320	36.212	ng	#	77
67) Hexachlorobenzene	11.09	284	99939	37.053	ng	#	84
68) Atrazine	11.17	200	78531	34.012	ng		95
69) Pentachlorophenol	11.30	266	36453	27.086	ng		97
70) Phenanthrene	11.51	178	380910	36.574	ng		98
71) Anthracene	11.56	178	388654	36.560	ng		100
72) Carbazole	11.72	167	330717	33.229	ng		98
73) Di-n-butylphthalate	12.02	149	369429	31.507	ng		99
74) Fluoranthene	12.70	202	382881	33.354	ng		96
76) Benzidine	12.82	184	149797	35.343	ng		97
77) Pyrene	12.94	202	376411	38.356	ng		99
79) Butylbenzylphthalate	13.53	149	125914	31.206	ng	#	92
80) Benzo(a)anthracene	14.12	228	311186	34.309	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	97462	30.574	ng	#	97
82) Chrysene	14.17	228	297315	35.630	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	156189	30.278	ng		98
84) Di-n-octyl phthalate	14.71	149	272212	32.373	ng		96
85) Indeno(1,2,3-cd)pyrene	17.26	276	396072	55.932	ng	#	90
87) Benzo(b)fluoranthene	15.21	252	324752	31.918	ng	#	97
88) Benzo(k)fluoranthene	15.25	252	300049	30.968	ng	#	94
89) Benzo(a)pyrene	15.61	252	318170	35.177	ng	#	97
90) Dibenzo(a,h)anthracene	17.27	278	331599	43.259	ng	#	93
91) Benzo(g,h,i)perylene	17.74	276	342019	45.649	ng	#	90

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

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