Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110716.D
Acq On : 13 Nov 2018 11:16
Operator : JU/SJ
Sample : PB114706BSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB114706BSD

Quant Time: Nov 13 11:59:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	66231	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	286981	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	137354	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	236907	20.00	ng		0.00
76) Chrysene-d12	14.13	240	142998	20.00	ng		-0.01
87) Perylene-d12	15.65	264	115297	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	315467	77.37	ng		0.00
7) Phenol-d6	6.57	99	396652	76.07	ng		0.00
23) Nitrobenzene-d5	7.51	82	365907	73.43	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	90659	65.50	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	734090	76.33	ng		0.00
79) Terphenyl-d14	13.06	244	531798	69.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	50607	24.910	ng		87
3) Pyridine	3.62	79	133174	30.368	ng	#	85
4) n-Nitrosodimethylamine	3.57	42	68346	36.323	ng	#	92
6) Aniline	6.60	93	131733	19.373	ng	#	54
8) 2-Chlorophenol	6.73	128	170391	35.647	ng		98
9) Benzaldehyde	6.50	77	97821	33.459	ng		98
10) Phenol	6.58	94	208346	34.460	ng	#	65
11) bis(2-Chloroethyl)ether	6.67	93	154847	34.175	ng		94
12) 1,3-Dichlorobenzene	6.88	146	174171	33.302	ng		99
13) 1,4-Dichlorobenzene	6.96	146	178506	33.611	ng		96
14) 1,2-Dichlorobenzene	7.11	146	167966	33.997	ng		97
15) Benzyl Alcohol	7.08	79	143235	35.103	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	246661	34.665	ng		70
17) 2-Methylphenol	7.19	107	138382	36.376	ng	#	82
18) Hexachloroethane	7.45	117	62802	32.031	ng		97
19) n-Nitroso-di-n-propylamine	7.35	70	116015	34.857	ng		94
20) 3+4-Methylphenols	7.35	107	179694	36.797	ng	#	79
22) Acetophenone	7.35	105	234370	35.042	ng		95
24) Nitrobenzene	7.53	77	176708	34.610	ng		96
25) Isophorone	7.76	82	314416	38.496	ng		98
26) 2-Nitrophenol	7.85	139	80561	31.629	ng		90
27) 2,4-Dimethylphenol	7.87	122	154455	39.818	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	199007	35.987	ng		100
29) 2,4-Dichlorophenol	8.08	162	140611	35.228	ng		98
30) 1,2,4-Trichlorobenzene	8.16	180	150480	33.438	ng		97
31) Naphthalene	8.25	128	496233	36.834	ng		99
32) Benzoic acid	7.97	122	35871	13.070	ng		97
33) 4-Chloroaniline	8.30	127	102308	16.765	ng		96
34) Hexachlorobutadiene	8.35	225	83014	32.296	ng		97
35) Caprolactam	8.66	113	43212	32.404	ng	#	82
36) 4-Chloro-3-methylphenol	8.77	107	152575	35.444	ng		98
37) 2-Methylnaphthalene	8.94	142	344068	38.958	ng		97
38) 1-Methylnaphthalene	9.04	142	317452	37.376	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	145940	33.566	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	44750	31.511 ng		99
43) 2,4,6-Trichlorophenol	9.22	196	91719	33.570 ng		93
44) 2,4,5-Trichlorophenol	9.26	196	99483	34.135 ng		95
46) 1,1'-Biphenyl	9.40	154	417965	32.620 ng		99
47) 2-Chloronaphthalene	9.43	162	312791	33.885 ng		98
48) 2-Nitroaniline	9.53	65	101037	35.518 ng		91
49) Acenaphthylene	9.85	152	489373	36.812 ng		99
50) Dimethylphthalate	9.70	163	366567	35.766 ng		99
51) 2,6-Dinitrotoluene	9.77	165	79117	35.092 ng		98
52) Acenaphthene	10.02	154	292436	34.808 ng		97
53) 3-Nitroaniline	9.95	138	62803	24.044 ng		86
54) 2,4-Dinitrophenol	10.06	184	17481	23.022 ng		91
55) Dibenzofuran	10.19	168	427275	34.761 ng		97
56) 4-Nitrophenol	10.10	139	99414	57.369 ng		96
57) 2,4-Dinitrotoluene	10.18	165	101953	34.779 ng		91
58) Fluorene	10.53	166	341605	36.182 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	79474	34.664 ng	#	94
60) Diethylphthalate	10.40	149	365071	36.005 ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	162574	33.257 ng		96
62) 4-Nitroaniline	10.56	138	81749	31.080 ng		97
63) Azobenzene	10.69	77	342799	34.652 ng		96
65) 4,6-Dinitro-2-methylphenol	10.59	198	17038	14.270 ng		82
66) n-Nitrosodiphenylamine	10.64	169	297549	37.262 ng		97
67) 4-Bromophenyl-phenylether	11.02	248	94141	35.955 ng		97
68) Hexachlorobenzene	11.09	284	95909	34.743 ng	#	91
69) Atrazine	11.16	200	95922	39.286 ng		99
70) Pentachlorophenol	11.29	266	64171	43.566 ng		95
71) Phenanthrene	11.50	178	469541	36.994 ng		99
72) Anthracene	11.56	178	485984	37.957 ng		99
73) Carbazole	11.71	167	406787	33.083 ng		99
74) Di-n-butylphthalate	12.02	149	564281	39.134 ng		99
75) Fluoranthene	12.70	202	428978	33.712 ng		99
77) Benzidine	12.82	184	114070	29.007 ng		96
78) Pyrene	12.93	202	418442	38.004 ng		99
80) Butylbenzylphthalate	13.53	149	197659	41.709 ng		96
81) Benzo(a)anthracene	14.12	228	320769	37.529 ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	81758	28.554 ng		99
83) Chrysene	14.16	228	303800	37.309 ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	270035	45.933 ng		97
85) Di-n-octyl phthalate	14.69	149	400764	46.357 ng		98
86) Indeno(1,2,3-cd)pyrene	17.22	276	246486	42.183 ng		97
88) Benzo(b)fluoranthene	15.20	252	262219	38.017 ng		98
89) Benzo(k)fluoranthene	15.23	252	247856	36.367 ng	#	96
90) Benzo(a)pyrene	15.59	252	238763	38.099 ng		97
91) Dibenzo(a,h)anthracene	17.23	278	205164	38.686 ng		98
92) Benzo(g,h,i)perylene	17.70	276	190374	36.180 ng		96

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

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