Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110755.D
Acq On : 14 Nov 2018 8:18
Operator : JU/SJ
Sample : PB114763BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB114763BS

Quant Time: Nov 14 09:45:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	69809	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	284820	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	119959	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	183791	20.00	ng		0.00
76) Chrysene-d12	14.13	240	133057	20.00	ng		0.00
87) Perylene-d12	15.66	264	89791	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	399681	93.00	ng		0.00
7) Phenol-d6	6.57	99	488839	88.95	ng		0.00
23) Nitrobenzene-d5	7.51	82	444568	89.89	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	92885	76.84	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	825950	98.33	ng		0.00
79) Terphenyl-d14	13.06	244	533853	75.14	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	63813	29.800	ng		85
3) Pyridine	3.62	79	162585	35.175	ng	#	84
4) n-Nitrosodimethylamine	3.58	42	95035	47.919	ng		90
6) Aniline	6.61	93	114195	15.933	ng	#	56
8) 2-Chlorophenol	6.73	128	215611	42.795	ng		95
9) Benzaldehyde	6.50	77	121323	41.505	ng		98
10) Phenol	6.59	94	259788	40.766	ng	#	65
11) bis(2-Chloroethyl)ether	6.67	93	195456	40.926	ng		92
12) 1,3-Dichlorobenzene	6.89	146	222612	40.383	ng		96
13) 1,4-Dichlorobenzene	6.96	146	226186	40.406	ng		98
14) 1,2-Dichlorobenzene	7.12	146	212411	40.790	ng		98
15) Benzyl Alcohol	7.09	79	179590	41.757	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	317064	42.275	ng		72
17) 2-Methylphenol	7.19	107	173240	43.205	ng	#	82
18) Hexachloroethane	7.45	117	73895	35.757	ng		94
19) n-Nitroso-di-n-propylamine	7.35	70	145418	41.452	ng		93
20) 3+4-Methylphenols	7.35	107	220358	42.811	ng	#	85
22) Acetophenone	7.36	105	291667	43.940	ng		95
24) Nitrobenzene	7.53	77	217337	42.891	ng		98
25) Isophorone	7.76	82	390634	48.191	ng		97
26) 2-Nitrophenol	7.85	139	97811	38.693	ng		99
27) 2,4-Dimethylphenol	7.87	122	189389	49.194	ng		97
28) bis(2-Chloroethoxy)methane	7.97	93	248809	45.334	ng		99
29) 2,4-Dichlorophenol	8.09	162	171749	43.356	ng		98
30) 1,2,4-Trichlorobenzene	8.16	180	186941	41.855	ng		96
31) Naphthalene	8.25	128	600071	44.879	ng		99
32) Benzoic acid	8.00	122	94596	34.728	ng		95
33) 4-Chloroaniline	8.30	127	55236	9.120	ng		97
34) Hexachlorobutadiene	8.35	225	102626	40.228	ng		100
35) Caprolactam	8.67	113	52651	39.782	ng	#	80
36) 4-Chloro-3-methylphenol	8.78	107	177897	41.640	ng		97
37) 2-Methylnaphthalene	8.94	142	402867	45.962	ng		99
38) 1-Methylnaphthalene	9.04	142	374969	44.483	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	167143	44.018	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	14171	16.284	ng		97
43) 2,4,6-Trichlorophenol	9.22	196	106781	44.751	ng		93
44) 2,4,5-Trichlorophenol	9.26	196	113720	44.679	ng		96
46) 1,1'-Biphenyl	9.40	154	478732	42.780	ng		99
47) 2-Chloronaphthalene	9.43	162	353883	43.895	ng		98
48) 2-Nitroaniline	9.53	65	111903	45.043	ng		94
49) Acenaphthylene	9.85	152	532179	45.836	ng		99
50) Dimethylphthalate	9.70	163	417412	46.633	ng		99
51) 2,6-Dinitrotoluene	9.77	165	85585	43.465	ng		97
52) Acenaphthene	10.02	154	316208	43.095	ng		98
53) 3-Nitroaniline	9.95	138	49068	21.509	ng		93
54) 2,4-Dinitrophenol	10.06	184	10268	17.023	ng		99
55) Dibenzofuran	10.19	168	453642	42.258	ng		98
56) 4-Nitrophenol	10.11	139	109964	72.658	ng		94
57) 2,4-Dinitrotoluene	10.18	165	100733	39.346	ng		96
58) Fluorene	10.54	166	352936	42.803	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.31	232	83459	41.681	ng	#	92
60) Diethylphthalate	10.40	149	404816	45.714	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	172372	40.375	ng		98
62) 4-Nitroaniline	10.56	138	75919	33.049	ng		96
63) Azobenzene	10.69	77	352668	40.819	ng		95
65) 4,6-Dinitro-2-methylphenol	10.60	198	9990	10.785	ng		92
66) n-Nitrosodiphenylamine	10.65	169	307929	49.706	ng		96
67) 4-Bromophenyl-phenylether	11.02	248	93897	46.226	ng		96
68) Hexachlorobenzene	11.09	284	94034	43.909	ng	#	91
69) Atrazine	11.17	200	96569	50.982	ng		99
70) Pentachlorophenol	11.29	266	78965	69.102	ng		95
71) Phenanthrene	11.50	178	462227	46.943	ng		99
72) Anthracene	11.56	178	472680	47.588	ng		99
73) Carbazole	11.72	167	400770	42.013	ng		99
74) Di-n-butylphthalate	12.02	149	553434	49.474	ng		99
75) Fluoranthene	12.70	202	442308	44.805	ng		99
77) Benzidine	12.82	184	204974	56.018	ng		98
78) Pyrene	12.93	202	447773	43.706	ng		98
80) Butylbenzylphthalate	13.53	149	206228	46.768	ng		97
81) Benzo(a)anthracene	14.12	228	375244	47.183	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	118762	44.577	ng		100
83) Chrysene	14.16	228	350744	46.292	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	277964	50.814	ng		98
85) Di-n-octyl phthalate	14.69	149	470067	58.436	ng		98
86) Indeno(1,2,3-cd)pyrene	17.23	276	223652	41.135	ng		96
88) Benzo(b)fluoranthene	15.20	252	266074	49.533	ng		99
89) Benzo(k)fluoranthene	15.23	252	259993	48.984	ng		99
90) Benzo(a)pyrene	15.59	252	234432	48.034	ng		99
91) Dibenzo(a,h)anthracene	17.23	278	191327	46.325	ng		99
92) Benzo(g,h,i)perylene	17.71	276	182867	44.625	ng		99

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

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