Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110789.D
Acq On : 15 Nov 2018 15:38
Operator : JU/SJ
Sample : J5950-08MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSI-21-TW-2MS

Quant Time: Nov 15 16:17:20 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	6.94	152	63151	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	260530	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	123350	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	226357	20.00	ng		-0.01
76) Chrysene-d12	14.13	240	149251	20.00	ng		-0.01
87) Perylene-d12	15.65	264	138945	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	412818	106.18	ng		0.00
7) Phenol-d6	6.57	99	518161	104.22	ng		0.00
23) Nitrobenzene-d5	7.50	82	318216	70.34	ng		-0.01
42) 2,4,6-Tribromophenol	10.78	330	131537	105.83	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	540288	62.56	ng		-0.01
79) Terphenyl-d14	13.06	244	503099	63.13	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	45471	23.473	ng		90
3) Pyridine	3.60	79	108959	26.058	ng	#	85
4) n-Nitrosodimethylamine	3.54	42	61498	34.278	ng		85
6) Aniline	6.60	93	127005	19.589	ng	#	58
8) 2-Chlorophenol	6.73	128	142727	31.316	ng		97
9) Benzaldehyde	6.50	77	73808	24.993	ng		92
10) Phenol	6.58	94	180799	31.363	ng	#	66
11) bis(2-Chloroethyl)ether	6.67	93	126753	29.339	ng		94
12) 1,3-Dichlorobenzene	6.87	146	148284	29.735	ng		99
13) 1,4-Dichlorobenzene	6.96	146	152610	30.137	ng		99
14) 1,2-Dichlorobenzene	7.11	146	143291	30.417	ng		99
15) Benzyl Alcohol	7.08	79	121678	31.275	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.20	45	202220	29.805	ng		76
17) 2-Methylphenol	7.19	107	114066	31.447	ng	#	82
18) Hexachloroethane	7.45	117	56417	30.178	ng		97
19) n-Nitroso-di-n-propylamine	7.35	70	96501	30.408	ng		96
20) 3+4-Methylphenols	7.35	107	150420	32.304	ng	#	53
22) Acetophenone	7.35	105	198152	32.635	ng	#	91
24) Nitrobenzene	7.52	77	146569	31.622	ng		97
25) Isophorone	7.76	82	260199	35.092	ng		96
26) 2-Nitrophenol	7.84	139	74624	32.273	ng		94
27) 2,4-Dimethylphenol	7.87	122	124291	35.295	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	164702	32.807	ng		97
29) 2,4-Dichlorophenol	8.08	162	121220	33.454	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	125947	30.828	ng		98
31) Naphthalene	8.25	128	451272	36.897	ng		99
32) Benzoic acid	7.99	122	83946	33.691	ng		93
33) 4-Chloroaniline	8.30	127	68176	12.306	ng		99
34) Hexachlorobutadiene	8.35	225	69341	29.715	ng		99
35) Caprolactam	8.66	113	38064	31.442	ng		89
36) 4-Chloro-3-methylphenol	8.77	107	129973	33.259	ng		100
37) 2-Methylnaphthalene	8.93	142	292416	36.471	ng		98
38) 1-Methylnaphthalene	9.03	142	275580	35.740	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	120431	30.844	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	68756	48.492	ng		99
43) 2,4,6-Trichlorophenol	9.22	196	80801	32.932	ng		97
44) 2,4,5-Trichlorophenol	9.26	196	86688	33.122	ng		94
46) 1,1'-Biphenyl	9.40	154	352302	30.617	ng		98
47) 2-Chloronaphthalene	9.43	162	264058	31.853	ng		100
48) 2-Nitroaniline	9.53	65	82582	32.327	ng		98
49) Acenaphthylene	9.85	152	411861	34.498	ng		99
50) Dimethylphthalate	9.69	163	384840	41.812	ng		99
51) 2,6-Dinitrotoluene	9.77	165	67089	33.135	ng		93
52) Acenaphthene	10.02	154	247215	32.766	ng		98
53) 3-Nitroaniline	9.95	138	43469	18.531	ng		88
54) 2,4-Dinitrophenol	10.06	184	43837	55.858	ng		93
55) Dibenzofuran	10.19	168	364018	32.977	ng		97
56) 4-Nitrophenol	10.10	139	92890	59.690	ng		96
57) 2,4-Dinitrotoluene	10.18	165	88224	33.513	ng		94
58) Fluorene	10.53	166	295715	34.877	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.31	232	69629	33.818	ng		93
60) Diethylphthalate	10.39	149	310642	34.115	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	140310	31.961	ng		95
62) 4-Nitroaniline	10.56	138	67371	28.522	ng		91
63) Azobenzene	10.68	77	288456	32.469	ng		97
65) 4,6-Dinitro-2-methylphenol	10.59	198	34200	29.979	ng		91
66) n-Nitrosodiphenylamine	10.64	169	251883	33.013	ng		96
67) 4-Bromophenyl-phenylether	11.01	248	80203	32.059	ng	#	90
68) Hexachlorobenzene	11.09	284	85690	32.488	ng		99
69) Atrazine	11.16	200	79277	33.982	ng		99
70) Pentachlorophenol	11.28	266	70623	50.181	ng		96
71) Phenanthrene	11.50	178	419695	34.608	ng		99
72) Anthracene	11.55	178	438036	35.807	ng		99
73) Carbazole	11.71	167	362594	30.863	ng		100
74) Di-n-butylphthalate	12.02	149	485612	35.248	ng		98
75) Fluoranthene	12.70	202	403580	33.194	ng		97
77) Benzidine	12.82	184	112969	27.524	ng		96
78) Pyrene	12.93	202	399618	34.774	ng		98
80) Butylbenzylphthalate	13.52	149	180943	36.582	ng		99
81) Benzo(a)anthracene	14.12	228	302595	33.920	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	73724	24.670	ng		98
83) Chrysene	14.15	228	285839	33.632	ng		98
84) Bis(2-ethylhexyl)phthalate	14.07	149	246758	40.215	ng		96
85) Di-n-octyl phthalate	14.69	149	375028	41.563	ng		98
86) Indeno(1,2,3-cd)pyrene	17.23	276	299293	49.074	ng		97
88) Benzo(b)fluoranthene	15.20	252	262771	31.613	ng		99
89) Benzo(k)fluoranthene	15.23	252	268480	32.688	ng		99
90) Benzo(a)pyrene	15.59	252	263056	34.832	ng		97
91) Dibenzo(a,h)anthracene	17.23	278	247229	38.684	ng		100
92) Benzo(g,h,i)perylene	17.70	276	239705	37.802	ng		97

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

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