Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109112.D
Acq On : 18 Sep 2018 22:44
Operator : JU/SJ
Sample : J4959-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

Manual Integrations APPROVED
Sohil
9/19/2018 4:23:57 PM

Quant Time: Sep 19 05:31:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144917	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	496986	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	190313	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	325114	20.00	ng		0.00
75) Chrysene-d12	13.87	240	317367	20.00	ng		0.00
86) Perylene-d12	15.27	264	310842	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	908012	104.07	ng		0.02
7) Phenol-d6	6.37	99	1144178	101.70	ng		0.00
23) Nitrobenzene-d5	7.28	82	719055	81.15	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	212375	102.82	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1057804	87.08	ng		0.00
78) Terphenyl-d14	12.81	244	953761	71.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	106641	25.676	ng		93
3) Pyridine	3.16	79	299821	27.231	ng		89
4) n-Nitrosodimethylamine	3.08	42	149786	36.021	ng	#	94
6) Aniline	6.38	93	224502	15.438	ng	#	14
8) 2-Chlorophenol	6.51	128	294916	30.203	ng		95
9) Benzaldehyde	6.27	77	119559	16.639	ng		99
10) Phenol	6.38	94	380334	30.044	ng		81
11) bis(2-Chloroethyl)ether	6.46	93	303337	30.457	ng		98
12) 1,3-Dichlorobenzene	6.67	146	331315	29.670	ng		98
13) 1,4-Dichlorobenzene	6.74	146	335227	29.924	ng		98
14) 1,2-Dichlorobenzene	6.90	146	308294	29.684	ng		98
15) Benzyl Alcohol	6.87	79	267343	31.300	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.01	45	419474	29.396	ng		96
17) 2-Methylphenol	6.98	107	237612	29.827	ng		97
18) Hexachloroethane	7.24	117	109846	26.998	ng		98
19) n-Nitroso-di-n-propylamine	7.14	70	210319	28.281	ng		98
20) 3+4-Methylphenols	7.14	107	280615	29.248	ng	#	65
22) Acetophenone	7.13	105	401066	35.535	ng	#	94
24) Nitrobenzene	7.30	77	313796	34.349	ng		97
25) Isophorone	7.55	82	550872	36.167	ng		99
26) 2-Nitrophenol	7.62	139	112503	26.373	ng		97
27) 2,4-Dimethylphenol	7.67	122	253280	37.851	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	350710	34.216	ng		99
29) 2,4-Dichlorophenol	7.87	162	218150	30.593	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	247615	32.124	ng		98
31) Naphthalene	8.03	128	1013633	43.943	ng		100
33) 4-Chloroaniline	8.07	127	149527	14.579	ng		98
34) Hexachlorobutadiene	8.15	225	149856	31.845	ng		98
35) Caprolactam	8.42	113	56950m	24.497	ng		
36) 4-Chloro-3-methylphenol	8.56	107	210825	28.086	ng		98
37) 2-Methylnaphthalene	8.72	142	556237	36.992	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	221062	36.906	ng		97
40) Hexachlorocyclopentadiene	8.88	237	51696	17.129	ng		96
42) 2,4,6-Trichlorophenol	9.00	196	131555	32.675	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.04	196	136098	32.348	ng		96
45) 1,1'-Biphenyl	9.18	154	582353	38.248	ng		97
46) 2-Chloronaphthalene	9.20	162	428682	35.156	ng		99
47) 2-Nitroaniline	9.30	65	131215	35.003	ng		97
48) Acenaphthylene	9.61	152	679589	36.965	ng		100
49) Dimethylphthalate	9.48	163	602260	44.276	ng		99
50) 2,6-Dinitrotoluene	9.54	165	98627	32.695	ng		98
51) Acenaphthene	9.79	154	460514	40.227	ng		98
52) 3-Nitroaniline	9.70	138	106990	30.121	ng		95
54) Dibenzofuran	9.96	168	690039	41.711	ng		98
55) 4-Nitrophenol	9.87	139	129105	49.332	ng		98
56) 2,4-Dinitrotoluene	9.94	165	119736	30.351	ng	#	94
57) Fluorene	10.30	166	552782	50.141	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.08	232	101159	29.037	ng	#	88
59) Diethylphthalate	10.18	149	456224	33.214	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	189270	32.062	ng		93
61) 4-Nitroaniline	10.31	138	103968	30.808	ng		98
62) Azobenzene	10.45	77	424273	30.175	ng		91
65) n-Nitrosodiphenylamine	10.41	169	374837	35.247	ng		98
66) 4-Bromophenyl-phenylether	10.78	248	121829	33.239	ng	#	84
67) Hexachlorobenzene	10.85	284	123484	31.497	ng	#	85
68) Atrazine	10.94	200	112317	32.992	ng		99
69) Pentachlorophenol	11.04	266	111501	44.453	ng		99
70) Phenanthrene	11.26	178	1794633	112.607	ng		98
71) Anthracene	11.31	178	1034160	64.013	ng		99
72) Carbazole	11.46	167	687344	42.979	ng		99
73) Di-n-butylphthalate	11.80	149	617133	32.966	ng		99
74) Fluoranthene	12.45	202	1895814	112.679	ng		98
76) Benzidine	12.56	184	349514	31.111	ng		98
77) Pyrene	12.67	202	1797754	76.261	ng		98
79) Butylbenzylphthalate	13.29	149	308467	29.297	ng		97
80) Benzo(a)anthracene	13.85	228	1225283	63.769	ng		98
81) 3,3'-Dichlorobenzidine	13.82	252	191646	24.717	ng	#	97
82) Chrysene	13.90	228	1131532	58.860	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	410842	32.226	ng		99
84) Di-n-octyl phthalate	14.47	149	804000	37.186	ng		99
85) Indeno(1,2,3-cd)pyrene	16.63	276	662059	43.076	ng	#	91
87) Benzo(b)fluoranthene	14.88	252	1172608	68.189	ng		98
88) Benzo(k)fluoranthene	14.90	252	731209	45.525	ng		97
89) Benzo(a)pyrene	15.22	252	938679	61.465	ng		97
90) Dibenzo(a,h)anthracene	16.64	278	421464	32.849	ng		96
91) Benzo(g,h,i)perylene	17.04	276	563346	43.917	ng	#	92

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

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