Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106533.D
Acq On : 18 Jun 2018 12:52
Operator : JU/SJ
Sample : J3509-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MWHR2-6-061318MSD

Quant Time: Jun 19 01:05:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	121812	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	468524	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	225223	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	440078	20.00	ng		0.00
75) Chrysene-d12	14.17	240	289316	20.00	ng		0.01
86) Perylene-d12	15.71	264	258510	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	410135	56.99	ng		0.00
7) Phenol-d6	6.61	99	322066	35.42	ng		0.00
23) Nitrobenzene-d5	7.54	82	754280	94.71	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	335372	154.76	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1230050	103.82	ng		0.00
78) Terphenyl-d14	13.09	244	1271740	109.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	52923	14.208	ng		96
3) Pyridine	3.62	79	134223	12.931	ng		98
4) n-Nitrosodimethylamine	3.57	42	69817	14.682	ng		96
6) Aniline	6.63	93	237726	17.904	ng	#	86
8) 2-Chlorophenol	6.76	128	280528	36.245	ng		95
9) Benzaldehyde	6.52	77	233636	33.875	ng		97
10) Phenol	6.62	94	150227	15.134	ng	#	48
11) bis(2-Chloroethyl)ether	6.70	93	354004	41.658	ng		98
12) 1,3-Dichlorobenzene	6.91	146	376133	41.291	ng		97
13) 1,4-Dichlorobenzene	6.98	146	378802	40.979	ng		99
14) 1,2-Dichlorobenzene	7.14	146	356770	40.999	ng		96
15) Benzyl Alcohol	7.11	79	202558	26.012	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	547091	44.912	ng		81
17) 2-Methylphenol	7.22	107	193460	28.016	ng	#	89
18) Hexachloroethane	7.48	117	136948	41.578	ng		97
19) n-Nitroso-di-n-propylamine	7.38	70	248308	36.399	ng		95
20) 3+4-Methylphenols	7.38	107	200168	22.667	ng	#	44
22) Acetophenone	7.37	105	476505	40.357	ng	#	97
24) Nitrobenzene	7.55	77	401903	46.429	ng		99
25) Isophorone	7.78	82	732748	47.104	ng		97
26) 2-Nitrophenol	7.87	139	188727	56.170	ng		96
27) 2,4-Dimethylphenol	7.90	122	278341	42.265	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	459732	45.578	ng		99
29) 2,4-Dichlorophenol	8.11	162	288329	45.382	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	315564	44.298	ng		96
31) Naphthalene	8.27	128	958956	45.277	ng		98
32) Benzoic acid	7.98	122	34193	13.259	ng		92
33) 4-Chloroaniline	8.32	127	165707	17.655	ng		99
34) Hexachlorobutadiene	8.38	225	202077	44.154	ng		98
35) Caprolactam	8.69	113	13199	6.142	ng		93
36) 4-Chloro-3-methylphenol	8.81	107	282006	40.127	ng		99
37) 2-Methylnaphthalene	8.97	142	666479	46.201	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	339270	46.403	ng		97
40) Hexachlorocyclopentadiene	9.11	237	370016	91.726	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	227857	48.903	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	239724	47.726	ng		93
45) 1,1'-Biphenyl	9.43	154	788227	45.184	ng		99
46) 2-Chloronaphthalene	9.46	162	641696	45.966	ng		96
47) 2-Nitroaniline	9.55	65	225248	51.290	ng		91
48) Acenaphthylene	9.88	152	1010722	47.301	ng		97
49) Dimethylphthalate	9.73	163	841716	52.310	ng		99
50) 2,6-Dinitrotoluene	9.80	165	173209	52.698	ng		99
51) Acenaphthene	10.05	154	596368	43.216	ng		99
52) 3-Nitroaniline	9.96	138	76739	19.671	ng		94
53) 2,4-Dinitrophenol	10.07	184	154784	100.139	ng	#	20
54) Dibenzofuran	10.22	168	870009	46.819	ng		96
55) 4-Nitrophenol	10.15	139	76546	25.599	ng		91
56) 2,4-Dinitrotoluene	10.20	165	235270	57.001	ng		93
57) Fluorene	10.56	166	677514	46.018	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	200368	50.329	ng	#	83
59) Diethylphthalate	10.42	149	734157	45.968	ng		95
60) 4-Chlorophenyl-phenylether	10.55	204	349841	45.178	ng		91
61) 4-Nitroaniline	10.58	138	171706	45.239	ng		97
62) Azobenzene	10.71	77	827459	49.687	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	123007	51.314	ng		88
65) n-Nitrosodiphenylamine	10.67	169	646947	43.741	ng		96
66) 4-Bromophenyl-phenylether	11.04	248	246455	49.238	ng	#	84
67) Hexachlorobenzene	11.11	284	253052	49.038	ng	#	89
68) Atrazine	11.19	200	219475	48.152	ng		95
69) Pentachlorophenol	11.31	266	206805	65.094	ng		99
70) Phenanthrene	11.53	178	996117	46.219	ng		98
71) Anthracene	11.58	178	1021527	47.312	ng		97
72) Carbazole	11.74	167	898298	45.065	ng		98
73) Di-n-butylphthalate	12.05	149	1084437	48.881	ng		99
74) Fluoranthene	12.72	202	1053707	45.844	ng		99
76) Benzidine	12.84	184	311860	32.388	ng		99
77) Pyrene	12.95	202	1044647	57.674	ng		97
79) Butylbenzylphthalate	13.56	149	414747	61.171	ng	#	95
80) Benzo(a)anthracene	14.15	228	841784	48.893	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	163124	28.081	ng	#	97
82) Chrysene	14.19	228	771674	49.091	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	510064	52.468	ng		99
84) Di-n-octyl phthalate	14.76	149	697855	49.793	ng		99
85) Indeno(1,2,3-cd)pyrene	17.29	276	896914	71.494	ng	#	93
87) Benzo(b)fluoranthene	15.25	252	732508	46.876	ng		97
88) Benzo(k)fluoranthene	15.29	252	647832	41.860	ng	#	96
89) Benzo(a)pyrene	15.65	252	693912	49.369	ng		97
90) Dibenzo(a,h)anthracene	17.31	278	738404	63.014	ng	#	94
91) Benzo(g,h,i)perylene	17.78	276	795750	69.877	ng	#	92

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

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