Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106318.D
Acq On : 12 Jun 2018 1:48
Operator : JU/SJ
Sample : J3354-04MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Manual Integrations APPROVED
Sohil
6/12/2018 12:58:41 PM

Quant Time: Jun 12 06:07:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	211273	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	756581	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	327864	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	523249	20.00	ng		0.00
75) Chrysene-d12	14.15	240	485843	20.00	ng		-0.01
86) Perylene-d12	15.67	264	431979	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1302781	104.37	ng		0.01
7) Phenol-d6	6.60	99	1666195	105.65	ng		0.00
23) Nitrobenzene-d5	7.54	82	1091383	84.86	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	394063	124.92	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1662211	92.57	ng		0.00
78) Terphenyl-d14	13.09	244	1500744	76.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	183408	28.390	ng		96
3) Pyridine	3.63	79	550692	30.589	ng		99
4) n-Nitrosodimethylamine	3.59	42	268298	32.531	ng		94
6) Aniline	6.64	93	597779	25.957	ng		98
8) 2-Chlorophenol	6.76	128	492856	36.715	ng		98
9) Benzaldehyde	6.52	77	242559	20.277	ng		98
10) Phenol	6.61	94	636993	36.998	ng		97
11) bis(2-Chloroethyl)ether	6.71	93	515571	34.980	ng		97
12) 1,3-Dichlorobenzene	6.91	146	560839	35.498	ng		99
13) 1,4-Dichlorobenzene	6.99	146	566727	35.348	ng		99
14) 1,2-Dichlorobenzene	7.14	146	520749	34.503	ng		99
15) Benzyl Alcohol	7.11	79	479617	35.511	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	856932	40.560	ng		98
17) 2-Methylphenol	7.21	107	445427	37.191	ng		99
18) Hexachloroethane	7.48	117	187628	32.844	ng		98
19) n-Nitroso-di-n-propylamine	7.38	70	376584	31.828	ng		96
20) 3+4-Methylphenols	7.37	107	551904	36.034	ng		98
22) Acetophenone	7.38	105	705898	37.023	ng	#	96
24) Nitrobenzene	7.55	77	565253	40.438	ng		96
25) Isophorone	7.79	82	1033330	41.136	ng		98
26) 2-Nitrophenol	7.87	139	257915	47.536	ng		96
27) 2,4-Dimethylphenol	7.90	122	488462	45.932	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	642130	39.423	ng		99
29) 2,4-Dichlorophenol	8.11	162	432057	42.113	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	447320	38.886	ng		95
31) Naphthalene	8.28	128	1307957	38.243	ng		96
32) Benzoic acid	8.01	122	284937	38.100	ng		93
33) 4-Chloroaniline	8.32	127	178428	11.772	ng		96
34) Hexachlorobutadiene	8.39	225	292168	39.534	ng		99
35) Caprolactam	8.69	113	135695	39.103	ng		96
36) 4-Chloro-3-methylphenol	8.80	107	453224	39.936	ng		96
37) 2-Methylnaphthalene	8.97	142	915851	39.316	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	460777	43.292	ng		97
40) Hexachlorocyclopentadiene	9.12	237	167463	28.518	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	308001	45.409	ng		99
43) 2,4,5-Trichlorophenol	9.28	196	317908	43.477	ng	#	93
45) 1,1'-Biphenyl	9.43	154	1055953	41.582	ng		98
46) 2-Chloronaphthalene	9.46	162	831558	40.918	ng		98
47) 2-Nitroaniline	9.55	65	286985	44.890	ng		92
48) Acenaphthylene	9.88	152	1242789	39.953	ng		96
49) Dimethylphthalate	9.73	163	1187148	50.681	ng	#	97
50) 2,6-Dinitrotoluene	9.80	165	210944	44.087	ng		96
51) Acenaphthene	10.05	154	777321	38.695	ng		98
52) 3-Nitroaniline	9.96	138	146380	25.776	ng		96
53) 2,4-Dinitrophenol	10.07	184	101118	49.687	ng	#	17
54) Dibenzofuran	10.22	168	1059322	39.160	ng		95
55) 4-Nitrophenol	10.11	139	305848	70.263	ng		92
56) 2,4-Dinitrotoluene	10.20	165	261536	43.528	ng		99
57) Fluorene	10.57	166	787354	36.737	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	254129	43.850	ng	#	84
59) Diethylphthalate	10.43	149	931145	40.050	ng		95
60) 4-Chlorophenyl-phenylether	10.55	204	437098	38.775	ng	#	88
61) 4-Nitroaniline	10.58	138	172490	31.218	ng		97
62) Azobenzene	10.71	77	912841	37.654	ng		94
64) 4,6-Dinitro-2-methylphenol	10.60	198	74372	29.188	ng		83
65) n-Nitrosodiphenylamine	10.67	169	770127	43.793	ng		96
66) 4-Bromophenyl-phenylether	11.04	248	278588	46.811	ng	#	86
67) Hexachlorobenzene	11.11	284	266003	43.354	ng	#	90
68) Atrazine	11.19	200	247743	45.714	ng		98
69) Pentachlorophenol	11.30	266	280348	74.216	ng		97
70) Phenanthrene	11.53	178	1076759	42.019	ng		98
71) Anthracene	11.58	178	1072371	41.772	ng		98
72) Carbazole	11.73	167	929566	39.221	ng		98
73) Di-n-butylphthalate	12.05	149	1215509	46.080	ng		98
74) Fluoranthene	12.72	202	1181980	43.251	ng		97
76) Benzidine	12.84	184	692101	42.803	ng		99
77) Pyrene	12.95	202	1251062	41.131	ng		96
79) Butylbenzylphthalate	13.56	149	488062	42.866	ng	#	96
80) Benzo(a)anthracene	14.14	228	1235961	42.749	ng		96
81) 3,3'-Dichlorobenzidine	14.09	252	411593	42.193	ng		96
82) Chrysene	14.18	228	1151044	43.605	ng		96
83) Bis(2-ethylhexyl)phthalate	14.11	149	700191	42.890	ng		100
84) Di-n-octyl phthalate	14.74	149	1201508	51.052	ng		100
85) Indeno(1,2,3-cd)pyrene	17.23	276	903544	42.889	ng	#	93
87) Benzo(b)fluoranthene	15.22	252	1166571	44.675	ng		96
88) Benzo(k)fluoranthene	15.25	252	1042327m	40.305	ng		
89) Benzo(a)pyrene	15.61	252	1037474	44.172	ng		96
90) Dibenzo(a,h)anthracene	17.25	278	737984	37.688	ng		96
91) Benzo(g,h,i)perylene	17.71	276	712961	37.466	ng	#	92

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

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