Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
Data File : BF106605.D
Acq On : 20 Jun 2018 1:36
Operator : JU/SJ
Sample : J3554-09MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MSD

Manual Integrations APPROVED
Sohil
6/20/2018 4:58:43 PM

Quant Time: Jun 20 07:25:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	104407	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	373082	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	151186	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	235481	20.00	ng		0.00
75) Chrysene-d12	14.15	240	254358	20.00	ng		0.00
86) Perylene-d12	15.68	264	204360	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	737897	119.68	ng		0.01
7) Phenol-d6	6.61	99	938156	121.84	ng		0.00
23) Nitrobenzene-d5	7.53	82	636332	94.79	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	202031	115.30	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	947101	110.45	ng		0.00
78) Terphenyl-d14	13.08	244	878505	83.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	116185	36.652	ng		97
3) Pyridine	3.65	79	263496	30.650	ng		97
4) n-Nitrosodimethylamine	3.61	42	148157	40.576	ng		89
6) Aniline	6.63	93	288435	27.615	ng	#	57
8) 2-Chlorophenol	6.76	128	280318	41.450	ng		98
9) Benzaldehyde	6.52	77	149511	25.914	ng		100
10) Phenol	6.62	94	350151	39.847	ng		82
11) bis(2-Chloroethyl)ether	6.70	93	297120	40.957	ng		99
12) 1,3-Dichlorobenzene	6.91	146	324202	40.931	ng		99
13) 1,4-Dichlorobenzene	6.98	146	328630	41.038	ng		98
14) 1,2-Dichlorobenzene	7.14	146	300417	40.935	ng		97
15) Benzyl Alcohol	7.11	79	252872	40.900	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	439992	46.227	ng		93
17) 2-Methylphenol	7.22	107	240241	41.511	ng	#	92
18) Hexachloroethane	7.47	117	104534	37.121	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	191809	37.791	ng		94
20) 3+4-Methylphenols	7.37	107	271147	42.812	ng	#	71
22) Acetophenone	7.37	105	374539	44.872	ng	#	92
24) Nitrobenzene	7.55	77	312982	45.664	ng		98
25) Isophorone	7.78	82	564089	47.684	ng		99
26) 2-Nitrophenol	7.86	139	147215	45.499	ng		97
27) 2,4-Dimethylphenol	7.90	122	246152	49.220	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	362123	45.591	ng		99
29) 2,4-Dichlorophenol	8.11	162	240036	45.845	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	251491	43.602	ng		96
31) Naphthalene	8.27	128	753643	43.207	ng		99
32) Benzoic acid	8.01	122	111510	32.725	ng		94
33) 4-Chloroaniline	8.31	127	155482	21.244	ng		97
34) Hexachlorobutadiene	8.38	225	163835	43.593	ng		98
35) Caprolactam	8.69	113	67945m	39.811	ng		
36) 4-Chloro-3-methylphenol	8.81	107	237009	43.006	ng		96
37) 2-Methylnaphthalene	8.96	142	499566	43.210	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	251085	49.315	ng	#	96
40) Hexachlorocyclopentadiene	9.11	237	59699	22.790	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	162808	48.106	ng		100
43) 2,4,5-Trichlorophenol	9.29	196	163944	46.423	ng		94
45) 1,1'-Biphenyl	9.42	154	565983	46.974	ng		99
46) 2-Chloronaphthalene	9.45	162	436498	46.024	ng		97
47) 2-Nitroaniline	9.55	65	147184	46.150	ng		93
48) Acenaphthylene	9.87	152	660911	44.139	ng		99
49) Dimethylphthalate	9.72	163	652060	57.505	ng		99
50) 2,6-Dinitrotoluene	9.79	165	109488	45.599	ng		95
51) Acenaphthene	10.04	154	377842	40.072	ng		97
52) 3-Nitroaniline	9.96	138	90801	32.863	ng		99
53) 2,4-Dinitrophenol	10.07	184	15502	16.940	ng	#	20
54) Dibenzofuran	10.21	168	546895	42.358	ng		98
55) 4-Nitrophenol	10.14	139	136527	70.790	ng		92
56) 2,4-Dinitrotoluene	10.20	165	130933	41.777	ng	#	85
57) Fluorene	10.55	166	405084	39.538	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	121334	43.222	ng	#	83
59) Diethylphthalate	10.42	149	476892	43.575	ng		96
60) 4-Chlorophenyl-phenylether	10.54	204	222766	41.555	ng		90
61) 4-Nitroaniline	10.58	138	98036	35.752	ng		95
62) Azobenzene	10.71	77	440692	40.891	ng		92
64) 4,6-Dinitro-2-methylphenol	10.60	198	16906	11.614	ng		77
65) n-Nitrosodiphenylamine	10.67	169	384965	48.604	ng		95
66) 4-Bromophenyl-phenylether	11.04	248	136451	48.553	ng	#	83
67) Hexachlorobenzene	11.10	284	133455	45.371	ng	#	88
68) Atrazine	11.19	200	121419	48.222	ng		93
69) Pentachlorophenol	11.30	266	105941	72.184	ng		98
70) Phenanthrene	11.52	178	525116	46.234	ng		98
71) Anthracene	11.58	178	538919	46.487	ng		99
72) Carbazole	11.73	167	488579	45.015	ng		99
73) Di-n-butylphthalate	12.05	149	602266	47.101	ng		99
74) Fluoranthene	12.71	202	599116	47.858	ng		98
76) Benzidine	12.84	184	200167	27.632	ng		97
77) Pyrene	12.95	202	608334	36.268	ng		100
79) Butylbenzylphthalate	13.55	149	258953	37.550	ng	#	95
80) Benzo(a)anthracene	14.14	228	664489	42.864	ng		100
81) 3,3'-Dichlorobenzidine	14.10	252	229215	42.070	ng	#	95
82) Chrysene	14.18	228	617263	43.280	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	375903	42.635	ng		99
84) Di-n-octyl phthalate	14.74	149	679880	47.307	ng		97
85) Indeno(1,2,3-cd)pyrene	17.25	276	430137	35.539	ng	#	93
87) Benzo(b)fluoranthene	15.23	252	576846m	45.440	ng		
88) Benzo(k)fluoranthene	15.26	252	549243	45.433	ng	#	97
89) Benzo(a)pyrene	15.62	252	503233	44.592	ng		97
90) Dibenzo(a,h)anthracene	17.27	278	364507	38.112	ng	#	95
91) Benzo(g,h,i)perylene	17.73	276	352960	37.757	ng	#	92

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

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