Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106400.D
Acq On : 13 Jun 2018 19:20
Operator : JU/SJ
Sample : J3446-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3MS

Manual Integrations APPROVED
Sohil
6/14/2018 2:47:47 PM

Quant Time: Jun 14 03:43:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 10:51:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147741	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	550274	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	267223	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	494566	20.00	ng		0.00
75) Chrysene-d12	14.15	240	358488	20.00	ng		0.00
86) Perylene-d12	15.68	264	366650	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1027066	117.66	ng		-0.01
7) Phenol-d6	6.62	99	1225904	111.16	ng		0.00
23) Nitrobenzene-d5	7.54	82	874665	93.51	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	382075	148.60	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1351510	92.23	ng		0.00
78) Terphenyl-d14	13.08	244	1323101	91.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	148560	32.884	ng		96
3) Pyridine	3.62	79	441823	35.095	ng		97
4) n-Nitrosodimethylamine	3.58	42	214659	37.220	ng		92
6) Aniline	6.64	93	461859	28.680	ng	#	64
8) 2-Chlorophenol	6.77	128	391503	41.706	ng		97
9) Benzaldehyde	6.52	77	275208	32.899	ng		97
10) Phenol	6.63	94	523171	43.454	ng		73
11) bis(2-Chloroethyl)ether	6.71	93	418463	40.601	ng		99
12) 1,3-Dichlorobenzene	6.91	146	443283	40.123	ng		99
13) 1,4-Dichlorobenzene	6.98	146	446368	39.813	ng		99
14) 1,2-Dichlorobenzene	7.14	146	417157	39.525	ng		96
15) Benzyl Alcohol	7.11	79	370534	39.232	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	595823	40.328	ng	#	16
17) 2-Methylphenol	7.24	107	342532	40.898	ng	#	88
18) Hexachloroethane	7.48	117	152452	38.162	ng		98
19) n-Nitroso-di-n-propylamine	7.38	70	284892	34.432	ng		98
20) 3+4-Methylphenols	7.38	107	438830	40.972	ng		94
22) Acetophenone	7.37	105	559658	40.358	ng		99
24) Nitrobenzene	7.55	77	458858	45.133	ng		99
25) Isophorone	7.79	82	818368	44.792	ng		99
26) 2-Nitrophenol	7.87	139	221221	56.059	ng		95
27) 2,4-Dimethylphenol	7.91	122	365744	47.286	ng		100
28) bis(2-Chloroethoxy)methane	8.00	93	519354	43.840	ng		99
29) 2,4-Dichlorophenol	8.12	162	357901	47.964	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	362640	43.343	ng		96
31) Naphthalene	8.28	128	1078190	43.344	ng		98
32) Benzoic acid	8.02	122	124371	25.779	ng		88
33) 4-Chloroaniline	8.32	127	229595	20.827	ng		97
34) Hexachlorobutadiene	8.38	225	228465	42.504	ng		98
35) Caprolactam	8.69	113	118824m	47.079	ng		
36) 4-Chloro-3-methylphenol	8.82	107	376358	45.597	ng		97
37) 2-Methylnaphthalene	8.97	142	750540	44.299	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	381936	44.028	ng		97
40) Hexachlorocyclopentadiene	9.11	237	183192	38.275	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	270880	48.999	ng		100
43) 2,4,5-Trichlorophenol	9.31	196	284379	47.717	ng	#	92
45) 1,1'-Biphenyl	9.43	154	874676	42.259	ng		98
46) 2-Chloronaphthalene	9.46	162	708317	42.763	ng		97
47) 2-Nitroaniline	9.55	65	266101	51.069	ng		89
48) Acenaphthylene	9.88	152	1114188	43.947	ng		97
49) Dimethylphthalate	9.73	163	1110933	58.190	ng	#	99
50) 2,6-Dinitrotoluene	9.80	165	194423	49.855	ng		96
51) Acenaphthene	10.05	154	711815	43.475	ng		98
52) 3-Nitroaniline	9.97	138	142968	30.888	ng		98
53) 2,4-Dinitrophenol	10.07	184	119669	68.254	ng	#	18
54) Dibenzofuran	10.22	168	949380	43.060	ng		96
55) 4-Nitrophenol	10.15	139	292974	82.579	ng		93
56) 2,4-Dinitrotoluene	10.20	165	263408	53.788	ng	#	98
57) Fluorene	10.56	166	736278	42.149	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	234855	49.720	ng	#	84
59) Diethylphthalate	10.42	149	812531	42.879	ng		95
60) 4-Chlorophenyl-phenylether	10.55	204	383679	41.760	ng		92
61) 4-Nitroaniline	10.58	138	194037	43.088	ng		97
62) Azobenzene	10.71	77	819998	41.500	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	102544	39.690	ng		79
65) n-Nitrosodiphenylamine	10.67	169	722035	43.440	ng		97
66) 4-Bromophenyl-phenylether	11.04	248	265336	47.170	ng	#	83
67) Hexachlorobenzene	11.11	284	263739	45.478	ng	#	88
68) Atrazine	11.20	200	237459	46.358	ng		95
69) Pentachlorophenol	11.31	266	236372	66.203	ng		98
70) Phenanthrene	11.53	178	1031720	42.596	ng		98
71) Anthracene	11.58	178	1062863	43.803	ng		97
72) Carbazole	11.74	167	951845	42.490	ng		98
73) Di-n-butylphthalate	12.05	149	1157028	46.407	ng		99
74) Fluoranthene	12.72	202	988298	38.261	ng		97
76) Benzidine	12.84	184	687756	57.644	ng		99
77) Pyrene	12.95	202	970428	43.239	ng		98
79) Butylbenzylphthalate	13.55	149	425314	50.626	ng	#	94
80) Benzo(a)anthracene	14.14	228	939338	44.031	ng		98
81) 3,3'-Dichlorobenzidine	14.10	252	307545	42.727	ng	#	95
82) Chrysene	14.18	228	878826	45.120	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	572121	47.496	ng		99
84) Di-n-octyl phthalate	14.74	149	935995	53.899	ng		99
85) Indeno(1,2,3-cd)pyrene	17.25	276	788910	50.751	ng	#	93
87) Benzo(b)fluoranthene	15.23	252	937410	42.295	ng		96
88) Benzo(k)fluoranthene	15.27	252	935405	42.615	ng	#	96
89) Benzo(a)pyrene	15.62	252	895407	44.916	ng		97
90) Dibenzo(a,h)anthracene	17.27	278	669689	40.294	ng	#	96
91) Benzo(g,h,i)perylene	17.73	276	616287	38.156	ng	#	92

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

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