Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106673.D
Acq On : 21 Jun 2018 20:55
Operator : JU/SJ
Sample : J3584-23MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-DMSD

Manual Integrations APPROVED
Sohil
6/22/2018 10:23:13 AM

Quant Time: Jun 22 03:34:47 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	71688	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	274016	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	144021	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	281509	20.00	ng		0.00
75) Chrysene-d12	14.15	240	181570	20.00	ng		0.00
86) Perylene-d12	15.68	264	202006	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	500499	118.22	ng		0.01
7) Phenol-d6	6.61	99	643738	121.76	ng		0.00
23) Nitrobenzene-d5	7.53	82	437039	88.64	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	225022	134.80	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	757901	89.93	ng		0.00
78) Terphenyl-d14	13.08	244	833967	111.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	70805	32.531	ng		97
3) Pyridine	3.66	79	98681	16.717	ng		97
4) n-Nitrosodimethylamine	3.60	42	92528	36.906	ng		87
6) Aniline	6.63	93	221204	30.844	ng	#	61
8) 2-Chlorophenol	6.76	128	191699	41.284	ng		96
9) Benzaldehyde	6.51	77	110943	28.519	ng		98
10) Phenol	6.62	94	241829	40.080	ng		77
11) bis(2-Chloroethyl)ether	6.70	93	199841	40.120	ng		98
12) 1,3-Dichlorobenzene	6.90	146	221944	40.810	ng		99
13) 1,4-Dichlorobenzene	6.98	146	226791	41.247	ng		99
14) 1,2-Dichlorobenzene	7.13	146	207616	41.202	ng		100
15) Benzyl Alcohol	7.11	79	170424	40.145	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	286552	43.846	ng		73
17) 2-Methylphenol	7.22	107	166654	41.939	ng	#	91
18) Hexachloroethane	7.47	117	79430	41.080	ng	#	88
19) n-Nitroso-di-n-propylamine	7.37	70	131221	37.653	ng		93
20) 3+4-Methylphenols	7.37	107	193261	45.073	ng	#	70
22) Acetophenone	7.37	105	258764	42.210	ng	#	93
24) Nitrobenzene	7.55	77	214588	42.628	ng		100
25) Isophorone	7.78	82	399855	46.021	ng		100
26) 2-Nitrophenol	7.86	139	110776	46.615	ng		99
27) 2,4-Dimethylphenol	7.90	122	179358	48.830	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	252465	43.277	ng		98
29) 2,4-Dichlorophenol	8.11	162	177757	46.225	ng		95
30) 1,2,4-Trichlorobenzene	8.18	180	198845	46.939	ng		98
31) Naphthalene	8.27	128	560602	43.759	ng		99
32) Benzoic acid	8.02	122	86554	34.259	ng		97
33) 4-Chloroaniline	8.31	127	179254	33.347	ng		98
34) Hexachlorobutadiene	8.37	225	129318	46.849	ng		99
35) Caprolactam	8.70	113	55283m	44.102	ng		
36) 4-Chloro-3-methylphenol	8.81	107	186988	46.197	ng		98
37) 2-Methylnaphthalene	8.96	142	409492	48.224	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	214544	44.234	ng	#	96
40) Hexachlorocyclopentadiene	9.11	237	197853	79.287	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	133375	41.369 ng		88
43) 2,4,5-Trichlorophenol	9.29	196	139488	41.463 ng	#	89
45) 1,1'-Biphenyl	9.42	154	490605	42.744 ng		98
46) 2-Chloronaphthalene	9.45	162	367736	40.703 ng		97
47) 2-Nitroaniline	9.55	65	120304	39.599 ng		93
48) Acenaphthylene	9.87	152	573304	40.193 ng		99
49) Dimethylphthalate	9.72	163	516611	47.827 ng	#	98
50) 2,6-Dinitrotoluene	9.79	165	103913	45.430 ng		90
51) Acenaphthene	10.04	154	348267	38.773 ng		98
52) 3-Nitroaniline	9.96	138	87958	33.418 ng		96
53) 2,4-Dinitrophenol	10.07	184	95812	80.528 ng	#	19
54) Dibenzofuran	10.21	168	535676	43.553 ng		97
55) 4-Nitrophenol	10.14	139	126991	69.121 ng		94
56) 2,4-Dinitrotoluene	10.20	165	136908	45.856 ng		89
57) Fluorene	10.55	166	412923	42.308 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	126747	47.396 ng	#	79
59) Diethylphthalate	10.42	149	413155	39.629 ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	216206	42.338 ng	#	86
61) 4-Nitroaniline	10.58	138	103542	39.638 ng		98
62) Azobenzene	10.70	77	405669	39.514 ng		96
64) 4,6-Dinitro-2-methylphenol	10.61	198	76699	44.076 ng	#	73
65) n-Nitrosodiphenylamine	10.67	169	365648	38.617 ng		99
66) 4-Bromophenyl-phenylether	11.04	248	152577	45.414 ng	#	78
67) Hexachlorobenzene	11.10	284	157926	44.912 ng	#	86
68) Atrazine	11.19	200	137324	45.621 ng		95
69) Pentachlorophenol	11.30	266	126984	72.375 ng		98
70) Phenanthrene	11.52	178	600063	44.195 ng		98
71) Anthracene	11.58	178	614457	44.337 ng		100
72) Carbazole	11.73	167	533646	41.128 ng		98
73) Di-n-butylphthalate	12.04	149	626957	41.015 ng		100
74) Fluoranthene	12.71	202	606992	40.560 ng		97
76) Benzidine	12.83	184	17004	3.288 ng		99
77) Pyrene	12.94	202	587881	49.099 ng		100
79) Butylbenzylphthalate	13.55	149	222461	45.190 ng	#	94
80) Benzo(a)anthracene	14.14	228	486998	44.008 ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	142842	36.727 ng	#	95
82) Chrysene	14.17	228	455803	44.771 ng		100
83) Bis(2-ethylhexyl)phthalate	14.10	149	283398	45.029 ng	#	97
84) Di-n-octyl phthalate	14.73	149	441743	43.059 ng		97
85) Indeno(1,2,3-cd)pyrene	17.25	276	618566	71.596 ng	#	90
87) Benzo(b)fluoranthene	15.22	252	529420	42.190 ng	#	95
88) Benzo(k)fluoranthene	15.26	252	450817	37.726 ng	#	95
89) Benzo(a)pyrene	15.62	252	508716	45.603 ng	#	96
90) Dibenzo(a,h)anthracene	17.27	278	507763	53.709 ng	#	93
91) Benzo(g,h,i)perylene	17.74	276	523786	56.683 ng	#	90

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

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