Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107209.D
Acq On : 7 Jul 2018 16:27
Operator : JU/SJ
Sample : J3879-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MS

Manual Integrations APPROVED
Sohil
7/9/2018 2:06:32 PM

Quant Time: Jul 09 04:31:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	66919	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	248045	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	119512	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	232692	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	152274	20.00	ng		-0.01
86) Perylene-d12	15.69	264	128733	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	471848	119.40	ng		0.00
7) Phenol-d6	6.61	99	589589	119.47	ng		0.00
23) Nitrobenzene-d5	7.52	82	386010	86.48	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	183108	132.19	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	673364	97.54	ng		-0.02
78) Terphenyl-d14	13.08	244	749800	119.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	56520	27.818	ng		96
3) Pyridine	3.61	79	170427	30.929	ng		97
4) n-Nitrosodimethylamine	3.58	42	74003	31.621	ng		84
6) Aniline	6.62	93	154413	23.066	ng	#	1
8) 2-Chlorophenol	6.75	128	162300	37.443	ng		99
9) Benzaldehyde	6.51	77	73542	18.989	ng		96
10) Phenol	6.62	94	204991	36.396	ng		78
11) bis(2-Chloroethyl)ether	6.69	93	179452	38.594	ng		97
12) 1,3-Dichlorobenzene	6.89	146	191169	37.656	ng		98
13) 1,4-Dichlorobenzene	6.97	146	193494	37.699	ng		99
14) 1,2-Dichlorobenzene	7.12	146	176785	37.583	ng		99
15) Benzyl Alcohol	7.10	79	131422	33.164	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	231732	37.985	ng	#	37
17) 2-Methylphenol	7.22	107	138588	37.361	ng	#	87
18) Hexachloroethane	7.45	117	54951	30.445	ng	#	89
19) n-Nitroso-di-n-propylamine	7.36	70	116012	35.661	ng		94
20) 3+4-Methylphenols	7.37	107	185573	46.898	ng		98
22) Acetophenone	7.36	105	233440	42.066	ng	#	98
24) Nitrobenzene	7.54	77	177617	38.978	ng		97
25) Isophorone	7.77	82	321937	40.932	ng		99
26) 2-Nitrophenol	7.85	139	84384	39.227	ng		93
27) 2,4-Dimethylphenol	7.89	122	150418	45.239	ng		98
28) bis(2-Chloroethoxy)methane	7.97	93	214004	40.525	ng		97
29) 2,4-Dichlorophenol	8.11	162	152207	43.725	ng		93
30) 1,2,4-Trichlorobenzene	8.17	180	165151	43.067	ng		97
31) Naphthalene	8.25	128	492682	42.484	ng		99
32) Benzoic acid	7.99	122	10408	9.521	ng		96
33) 4-Chloroaniline	8.32	127	122661	25.208	ng		99
34) Hexachlorobutadiene	8.36	225	108351	43.363	ng		100
35) Caprolactam	8.69	113	46802m	41.246	ng		
36) 4-Chloro-3-methylphenol	8.81	107	145380	39.678	ng		94
37) 2-Methylnaphthalene	8.95	142	348501	45.338	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	178173	44.269	ng	#	96
40) Hexachlorocyclopentadiene	9.09	237	9113	4.401	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	100837	37.691	ng		92
43) 2,4,5-Trichlorophenol	9.29	196	98821	35.399	ng	#	87
45) 1,1'-Biphenyl	9.41	154	404605	42.480	ng		97
46) 2-Chloronaphthalene	9.44	162	289551	38.621	ng		95
47) 2-Nitroaniline	9.54	65	95777	37.991	ng		93
48) Acenaphthylene	9.86	152	462752	39.095	ng		98
49) Dimethylphthalate	9.71	163	510329	56.934	ng		97
50) 2,6-Dinitrotoluene	9.78	165	74295	39.143	ng		88
51) Acenaphthene	10.03	154	280497	37.632	ng		98
52) 3-Nitroaniline	9.96	138	70038	32.066	ng		93
53) 2,4-Dinitrophenol	10.08	184	13027	17.670	ng	#	19
54) Dibenzofuran	10.20	168	417717	40.927	ng		97
55) 4-Nitrophenol	10.14	139	70702	46.375	ng		98
56) 2,4-Dinitrotoluene	10.20	165	90785	36.644	ng	#	93
57) Fluorene	10.55	166	338646	41.813	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	88421m	39.845	ng		
59) Diethylphthalate	10.41	149	328359	37.955	ng	#	93
60) 4-Chlorophenyl-phenylether	10.53	204	173744	41.000	ng	#	85
61) 4-Nitroaniline	10.58	138	80789	37.270	ng		97
62) Azobenzene	10.70	77	304124	35.698	ng		88
64) 4,6-Dinitro-2-methylphenol	10.61	198	23586	16.398	ng	#	68
65) n-Nitrosodiphenylamine	10.65	169	282887	36.144	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	118000	42.491	ng	#	77
67) Hexachlorobenzene	11.10	284	120792	41.558	ng	#	86
68) Atrazine	11.18	200	97985	39.381	ng		96
69) Pentachlorophenol	11.30	266	64553	44.511	ng		99
70) Phenanthrene	11.52	178	632171	56.327	ng		99
71) Anthracene	11.57	178	580142	50.643	ng		99
72) Carbazole	11.72	167	434547	40.516	ng		99
73) Di-n-butylphthalate	12.03	149	505130	39.978	ng		100
74) Fluoranthene	12.72	202	864782	69.908	ng		94
76) Benzidine	12.83	184	122630	28.277	ng		97
77) Pyrene	12.95	202	873515	86.991	ng		98
79) Butylbenzylphthalate	13.54	149	196501	47.596	ng	#	88
80) Benzo(a)anthracene	14.14	228	738627	79.588	ng		98
81) 3,3'-Dichlorobenzidine	14.09	252	101707	31.181	ng	#	96
82) Chrysene	14.18	228	803440	94.100	ng		98
83) Bis(2-ethylhexyl)phthalate	14.09	149	265971	50.390	ng	#	97
84) Di-n-octyl phthalate	14.72	149	394508	45.853	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.31	276	395221	54.545	ng	#	87
87) Benzo(b)fluoranthene	15.24	252	614461	76.838	ng	#	96
88) Benzo(k)fluoranthene	15.27	252	435927	57.243	ng	#	95
89) Benzo(a)pyrene	15.64	252	479987m	67.518	ng		
90) Dibenzo(a,h)anthracene	17.31	278	265207	44.019	ng	#	93
91) Benzo(g,h,i)perylene	17.79	276	341889	58.058	ng	#	89

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

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