Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107402.D
Acq On : 16 Jul 2018 14:07
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
7/17/2018 4:52:41 PM

Quant Time: Jul 16 15:53:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 16 15:31:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	139592	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	532450	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	277064	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	620958	20.00	ng		0.00
75) Chrysene-d12	14.16	240	575012	20.00	ng		0.00
86) Perylene-d12	15.69	264	482037	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	218465	26.50	ng		-0.01
7) Phenol-d6	6.58	99	281708	27.36	ng		-0.01
23) Nitrobenzene-d5	7.54	82	213648	22.30	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	64253	20.01	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	512215	28.24	ng		-0.01
78) Terphenyl-d14	13.10	244	573932	24.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	48986	11.558	ng		87
3) Pyridine	3.61	79	130824	11.382	ng	#	77
4) n-Nitrosodimethylamine	3.55	42	52744	10.804	ng	#	70
6) Aniline	6.64	93	172499	12.352	ng	#	88
8) 2-Chlorophenol	6.75	128	108128	11.959	ng		84
9) Benzaldehyde	6.53	77	106201	15.102	ng		99
10) Phenol	6.60	94	151333	12.881	ng	#	77
11) bis(2-Chloroethyl)ether	6.71	93	125570	12.946	ng		88
12) 1,3-Dichlorobenzene	6.92	146	131021	12.372	ng	#	90
13) 1,4-Dichlorobenzene	7.00	146	134362	12.550	ng	#	93
14) 1,2-Dichlorobenzene	7.15	146	127425	12.987	ng		95
15) Benzyl Alcohol	7.11	79	136252	16.483	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	7.24	45	123792	9.728	ng		82
17) 2-Methylphenol	7.21	107	100586	12.999	ng	#	80
18) Hexachloroethane	7.49	117	46017	12.222	ng	#	82
19) n-Nitroso-di-n-propylamine	7.38	70	98847	14.566	ng	#	87
20) 3+4-Methylphenols	7.36	107	135475	15.127	ng		93
22) Acetophenone	7.38	105	181619	15.246	ng	#	95
24) Nitrobenzene	7.55	77	122507	12.524	ng		90
25) Isophorone	7.79	82	231184	13.693	ng	#	95
26) 2-Nitrophenol	7.87	139	27447	5.944	ng	#	38
27) 2,4-Dimethylphenol	7.90	122	95489	13.379	ng	#	81
28) bis(2-Chloroethoxy)methane	8.00	93	145838	12.865	ng		92
29) 2,4-Dichlorophenol	8.11	162	88930	11.901	ng		88
30) 1,2,4-Trichlorobenzene	8.20	180	124308	15.101	ng		97
31) Naphthalene	8.28	128	313761	12.604	ng		98
32) Benzoic acid	7.96	122	40039m	8.341	ng		
33) 4-Chloroaniline	8.32	127	137105	13.126	ng	#	85
34) Hexachlorobutadiene	8.40	225	80487	15.006	ng		98
35) Caprolactam	8.66	113	27854	11.435	ng	#	87
36) 4-Chloro-3-methylphenol	8.79	107	124342	15.809	ng	#	78
37) 2-Methylnaphthalene	8.97	142	205108	12.431	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	141809	15.198	ng		98
40) Hexachlorocyclopentadiene	9.12	237	65421	13.628	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	82031	13.226	ng		95
43) 2,4,5-Trichlorophenol	9.28	196	78618	12.148	ng	#	88
45) 1,1'-Biphenyl	9.44	154	302602	13.704	ng		94
46) 2-Chloronaphthalene	9.47	162	240869	13.858	ng		99
47) 2-Nitroaniline	9.55	65	43429	7.431	ng	#	80
48) Acenaphthylene	9.88	152	332197	12.106	ng		95
49) Dimethylphthalate	9.73	163	272950	13.135	ng		98
50) 2,6-Dinitrotoluene	9.80	165	38546	8.760	ng		99
51) Acenaphthene	10.05	154	213736	12.369	ng		94
52) 3-Nitroaniline	9.96	138	46621	9.207	ng	#	81
53) 2,4-Dinitrophenol	10.07	184	7866	3.925	ng	#	58
54) Dibenzofuran	10.22	168	340462	14.389	ng		97
55) 4-Nitrophenol	10.10	139	35701	10.101	ng	#	53
56) 2,4-Dinitrotoluene	10.20	165	48309	8.411	ng	#	79
57) Fluorene	10.57	166	233840	12.454	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.34	232	77535	15.071	ng	#	86
59) Diethylphthalate	10.43	149	261120	13.019	ng	#	94
60) 4-Chlorophenyl-phenylether	10.56	204	141597	14.413	ng		96
61) 4-Nitroaniline	10.57	138	38799	7.721	ng	#	31
62) Azobenzene	10.72	77	303393	15.361	ng		92
64) 4,6-Dinitro-2-methylphenol	10.60	198	17597	4.584	ng		78
65) n-Nitrosodiphenylamine	10.67	169	229055	10.967	ng		91
66) 4-Bromophenyl-phenylether	11.05	248	90385	12.196	ng		92
67) Hexachlorobenzene	11.11	284	78277	10.092	ng	#	92
68) Atrazine	11.20	200	86980	13.100	ng		96
69) Pentachlorophenol	11.31	266	52728	13.624	ng		97
70) Phenanthrene	11.54	178	391609	13.075	ng		96
71) Anthracene	11.59	178	372969	12.200	ng		99
72) Carbazole	11.74	167	359152	12.548	ng		97
73) Di-n-butylphthalate	12.07	149	411367	12.200	ng	#	96
74) Fluoranthene	12.72	202	441720	13.381	ng		94
76) Benzidine	12.84	184	257548	15.727	ng	#	95
77) Pyrene	12.96	202	444851	11.732	ng		98
79) Butylbenzylphthalate	13.57	149	144332	9.258	ng	#	74
80) Benzo(a)anthracene	14.15	228	408400	11.653	ng		97
81) 3,3'-Dichlorobenzidine	14.11	252	138531	11.247	ng	#	93
82) Chrysene	14.18	228	403573	12.517	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	226521	11.365	ng	#	90
84) Di-n-octyl phthalate	14.75	149	343266	10.566	ng		98
85) Indeno(1,2,3-cd)pyrene	17.24	276	259856	9.497	ng		97
87) Benzo(b)fluoranthene	15.23	252	325191	10.860	ng		96
88) Benzo(k)fluoranthene	15.26	252	336453	11.799	ng	#	93
89) Benzo(a)pyrene	15.62	252	299883	11.266	ng		99
90) Dibenzo(a,h)anthracene	17.27	278	218765	9.697	ng	#	94
91) Benzo(g,h,i)perylene	17.71	276	213962	9.703	ng	#	90

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

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