Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071918\
Data File : BF107513.D
Acq On : 19 Jul 2018 18:17
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/20/2018 9:42:47 AM

Quant Time: Jul 20 01:07:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 11:55:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	111806	20.00	ng		-0.01
21) Naphthalene-d8	8.27	136	438178	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	231597	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	484690	20.00	ng		0.00
75) Chrysene-d12	14.17	240	405507	20.00	ng		0.00
86) Perylene-d12	15.71	264	313716	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	544773	74.00	ng		0.00
7) Phenol-d6	6.62	99	644676	67.73	ng		0.01
23) Nitrobenzene-d5	7.55	82	722877	87.97	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	172411	84.73	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1225033	88.66	ng		0.00
78) Terphenyl-d14	13.11	244	1377004	84.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	123551	33.994	ng		89
3) Pyridine	3.64	79	265737	27.108	ng	#	82
4) n-Nitrosodimethylamine	3.60	42	111634	27.733	ng	#	71
6) Aniline	6.66	93	140439	11.162	ng	#	66
8) 2-Chlorophenol	6.77	128	277771	37.310	ng		89
9) Benzaldehyde	6.54	77	202837	26.492	ng		98
10) Phenol	6.64	94	342653	33.580	ng	#	61
11) bis(2-Chloroethyl)ether	6.71	93	289801	34.802	ng		88
12) 1,3-Dichlorobenzene	6.92	146	338814	37.484	ng	#	88
13) 1,4-Dichlorobenzene	7.00	146	349072	38.959	ng	#	92
14) 1,2-Dichlorobenzene	7.15	146	318936	38.043	ng		92
15) Benzyl Alcohol	7.12	79	315086	32.964	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	7.25	45	279481	31.452	ng	#	3
17) 2-Methylphenol	7.24	107	252001	35.601	ng	#	78
18) Hexachloroethane	7.49	117	129037	38.705	ng		89
19) n-Nitroso-di-n-propylamine	7.40	70	243723	35.764	ng	#	95
20) 3+4-Methylphenols	7.39	107	302148	33.602	ng	#	42
22) Acetophenone	7.39	105	421921	35.046	ng	#	74
24) Nitrobenzene	7.57	77	360562	39.045	ng	#	89
25) Isophorone	7.80	82	555080	34.080	ng	#	94
26) 2-Nitrophenol	7.88	139	159644	50.856	ng	#	58
27) 2,4-Dimethylphenol	7.92	122	221993	33.913	ng		87
28) bis(2-Chloroethoxy)methane	8.01	93	338512	33.186	ng		98
29) 2,4-Dichlorophenol	8.12	162	267020	39.199	ng		95
30) 1,2,4-Trichlorobenzene	8.20	180	309541	37.525	ng		97
31) Naphthalene	8.29	128	779300	36.615	ng		97
32) Benzoic acid	8.06	122	177160	44.098	ng	#	76
34) Hexachlorobutadiene	8.40	225	220920	40.025	ng		96
35) Caprolactam	8.74	113	78538m	35.444	ng		
36) 4-Chloro-3-methylphenol	8.82	107	334525	37.584	ng	#	83
37) 2-Methylnaphthalene	8.98	142	513988	36.637	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	339010	37.616	ng		98
40) Hexachlorocyclopentadiene	9.12	237	202234	42.963	ng		98
42) 2,4,6-Trichlorophenol	9.26	196	219564	39.028	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.31	196	225335	41.869	ng		89
45) 1,1'-Biphenyl	9.44	154	725818	36.248	ng		96
46) 2-Chloronaphthalene	9.47	162	588626	37.219	ng		99
47) 2-Nitroaniline	9.57	65	224408	46.367	ng	#	73
48) Acenaphthylene	9.89	152	801811	36.329	ng		95
49) Dimethylphthalate	9.74	163	678057	36.849	ng		99
50) 2,6-Dinitrotoluene	9.81	165	148379	42.257	ng	#	41
51) Acenaphthene	10.06	154	491333	33.581	ng		98
52) 3-Nitroaniline	9.99	138	131495	35.653	ng	#	74
53) 2,4-Dinitrophenol	10.09	184	84870	58.590	ng	#	33
54) Dibenzofuran	10.23	168	783996	34.675	ng	#	87
55) 4-Nitrophenol	10.16	139	117437	39.350	ng	#	55
56) 2,4-Dinitrotoluene	10.21	165	206698	45.162	ng	#	79
57) Fluorene	10.58	166	565480	37.763	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	196298	37.654	ng	#	88
59) Diethylphthalate	10.44	149	688593	38.518	ng		96
60) 4-Chlorophenyl-phenylether	10.57	204	344073	38.575	ng		99
61) 4-Nitroaniline	10.61	138	113813	32.426	ng	#	45
62) Azobenzene	10.72	77	692831	33.002	ng		87
64) 4,6-Dinitro-2-methylphenol	10.62	198	136473	51.833	ng		86
65) n-Nitrosodiphenylamine	10.68	169	572830	37.420	ng		96
66) 4-Bromophenyl-phenylether	11.05	248	212983	38.408	ng	#	89
67) Hexachlorobenzene	11.12	284	207980	40.518	ng	#	88
68) Atrazine	11.22	200	217563	37.609	ng		94
69) Pentachlorophenol	11.32	266	154370	40.695	ng		99
70) Phenanthrene	11.54	178	890400	36.862	ng		99
71) Anthracene	11.60	178	895331	37.214	ng		96
72) Carbazole	11.75	167	839040	36.837	ng		94
73) Di-n-butylphthalate	12.07	149	1110751	42.434	ng	#	97
74) Fluoranthene	12.74	202	1009285	36.762	ng		93
76) Benzidine	12.87	184	160886	10.223	ng	#	86
77) Pyrene	12.97	202	1039651	37.702	ng		99
79) Butylbenzylphthalate	13.57	149	438619	43.668	ng	#	84
80) Benzo(a)anthracene	14.16	228	935343	37.698	ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	269213	32.353	ng	#	94
82) Chrysene	14.20	228	860550	36.309	ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	630329	43.792	ng		95
84) Di-n-octyl phthalate	14.75	149	930076	41.567	ng		97
85) Indeno(1,2,3-cd)pyrene	17.28	276	602521	35.714	ng	#	68
87) Benzo(b)fluoranthene	15.25	252	706551	38.478	ng	#	95
88) Benzo(k)fluoranthene	15.28	252	655561	36.583	ng	#	94
89) Benzo(a)pyrene	15.64	252	642519	38.123	ng	#	95
90) Dibenzo(a,h)anthracene	17.31	278	498885	39.221	ng	#	89
91) Benzo(g,h,i)perylene	17.77	276	494724	38.277	ng	#	82

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

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