Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF082318\
Data File : BF108424.D
Acq On : 23 Aug 2018 16:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/28/2018 11:02:24 AM

Quant Time: Aug 28 10:57:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	146814	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	586306	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	298824	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	602427	20.00	ng		0.00
75) Chrysene-d12	14.20	240	485248	20.00	ng		0.00
86) Perylene-d12	15.75	264	366390	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	662996	81.76	ng		0.00
7) Phenol-d6	6.62	99	885605	82.18	ng		0.00
23) Nitrobenzene-d5	7.57	82	863788	82.21	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	274549	92.11	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1612286	86.62	ng		0.00
78) Terphenyl-d14	13.13	244	1644744	86.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	158846	38.122	ng		91
3) Pyridine	3.68	79	412330	38.415	ng		87
4) n-Nitrosodimethylamine	3.65	42	217827	36.065	ng		85
6) Aniline	6.67	93	597932	40.793	ng		96
8) 2-Chlorophenol	6.79	128	377217	41.302	ng		99
9) Benzaldehyde	6.56	77	316508	37.883	ng		98
10) Phenol	6.64	94	447623	40.158	ng		89
11) bis(2-Chloroethyl)ether	6.74	93	367240	40.752	ng		96
12) 1,3-Dichlorobenzene	6.94	146	435896	41.277	ng		98
13) 1,4-Dichlorobenzene	7.02	146	441540	41.615	ng		99
14) 1,2-Dichlorobenzene	7.17	146	408200	41.361	ng		99
15) Benzyl Alcohol	7.14	79	339835	37.461	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	698946	37.650	ng		100
17) 2-Methylphenol	7.24	107	338957	43.277	ng		95
18) Hexachloroethane	7.51	117	157509	41.698	ng		93
19) n-Nitroso-di-n-propylamine	7.41	70	285291	39.150	ng		93
20) 3+4-Methylphenols	7.40	107	406244	40.475	ng		94
22) Acetophenone	7.41	105	537831	39.231	ng	#	94
24) Nitrobenzene	7.59	77	428894	40.367	ng		99
25) Isophorone	7.82	82	786163	39.256	ng		96
26) 2-Nitrophenol	7.90	139	190219	47.407	ng		94
27) 2,4-Dimethylphenol	7.92	122	356568	40.116	ng		96
28) bis(2-Chloroethoxy)methane	8.02	93	463945	39.683	ng		99
29) 2,4-Dichlorophenol	8.14	162	336969	41.196	ng		95
30) 1,2,4-Trichlorobenzene	8.22	180	362111	40.152	ng		97
31) Naphthalene	8.31	128	1101445	41.308	ng		99
32) Benzoic acid	8.05	122	169486m	34.744	ng		
33) 4-Chloroaniline	8.35	127	456537	39.289	ng		97
34) Hexachlorobutadiene	8.42	225	232379	40.703	ng		100
35) Caprolactam	8.74	113	102392	39.945	ng	#	86
36) 4-Chloro-3-methylphenol	8.83	107	355271	40.261	ng		97
37) 2-Methylnaphthalene	9.00	142	761673	40.375	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	385162	41.972	ng		97
40) Hexachlorocyclopentadiene	9.15	237	227413	38.367	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	246085	43.214	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	273544	43.637	ng	#	93
45) 1,1'-Biphenyl	9.47	154	917144	41.627	ng		98
46) 2-Chloronaphthalene	9.50	162	715927	41.113	ng		98
47) 2-Nitroaniline	9.59	65	243451	43.208	ng		91
48) Acenaphthylene	9.91	152	1150943	41.808	ng		99
49) Dimethylphthalate	9.76	163	858015	41.220	ng		99
50) 2,6-Dinitrotoluene	9.83	165	188203	43.215	ng		99
51) Acenaphthene	10.08	154	672307	39.872	ng		99
52) 3-Nitroaniline	10.00	138	202641	42.528	ng		93
53) 2,4-Dinitrophenol	10.11	184	68714	45.481	ng	#	22
54) Dibenzofuran	10.25	168	1013433	41.485	ng		97
55) 4-Nitrophenol	10.15	139	145983	40.458	ng		83
56) 2,4-Dinitrotoluene	10.24	165	251996	44.953	ng	#	99
57) Fluorene	10.60	166	807032	41.732	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	231836	44.248	ng	#	88
59) Diethylphthalate	10.46	149	834797	41.416	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	413763	41.062	ng		94
61) 4-Nitroaniline	10.62	138	207899	44.131	ng		91
62) Azobenzene	10.75	77	844056	40.548	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	98739	44.141	ng		88
65) n-Nitrosodiphenylamine	10.71	169	723852	40.661	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	271010	41.396	ng		91
67) Hexachlorobenzene	11.15	284	285469	41.443	ng	#	90
68) Atrazine	11.23	200	253926	42.527	ng		96
69) Pentachlorophenol	11.34	266	131267	39.814	ng		97
70) Phenanthrene	11.57	178	1179561	41.513	ng		99
71) Anthracene	11.62	178	1224135	42.034	ng		99
72) Carbazole	11.78	167	1076914	41.620	ng		99
73) Di-n-butylphthalate	12.09	149	1299010	44.323	ng		99
74) Fluoranthene	12.77	202	1311376	42.288	ng		96
76) Benzidine	12.88	184	786385	43.375	ng		99
77) Pyrene	12.99	202	1311891	42.703	ng		99
79) Butylbenzylphthalate	13.59	149	557132	45.671	ng		97
80) Benzo(a)anthracene	14.19	228	1152282	41.377	ng		98
81) 3,3'-Dichlorobenzidine	14.15	252	413633	41.446	ng	#	95
82) Chrysene	14.23	228	1056993	41.400	ng		100
83) Bis(2-ethylhexyl)phthalate	14.15	149	712677	43.141	ng	#	99
84) Di-n-octyl phthalate	14.77	149	1166074	46.284	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	742898	33.582	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	928251	42.399	ng		97
88) Benzo(k)fluoranthene	15.32	252	863960	42.929	ng	#	96
89) Benzo(a)pyrene	15.69	252	828650	42.268	ng	#	96
90) Dibenzo(a,h)anthracene	17.38	278	628009	38.716	ng	#	94
91) Benzo(g,h,i)perylene	17.87	276	604713	37.859	ng	#	90

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

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