Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108191.D
Acq On : 16 Aug 2018 13:29
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/17/2018 3:30:30 PM

Quant Time: Aug 16 14:40:17 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 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	219966	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	840573	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	419632	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	816417	20.00	ng		0.00
75) Chrysene-d12	14.22	240	603933	20.00	ng		0.00
86) Perylene-d12	15.77	264	449045	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	927044	76.30	ng		0.01
7) Phenol-d6	6.64	99	1226694	75.98	ng		0.00
23) Nitrobenzene-d5	7.58	82	1176562	78.11	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	345891	82.64	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2045704	78.27	ng		0.00
78) Terphenyl-d14	13.15	244	1964921	82.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	222158	35.585	ng		89
3) Pyridine	3.69	79	584245	36.329	ng		86
4) n-Nitrosodimethylamine	3.66	42	311430	34.415	ng		84
6) Aniline	6.68	93	840726	38.282	ng		96
8) 2-Chlorophenol	6.80	128	525352	38.392	ng		93
9) Benzaldehyde	6.57	77	447505	35.750	ng		96
10) Phenol	6.65	94	627148	37.552	ng		87
11) bis(2-Chloroethyl)ether	6.75	93	517856	38.355	ng		91
12) 1,3-Dichlorobenzene	6.96	146	605689	38.281	ng		99
13) 1,4-Dichlorobenzene	7.04	146	605004	38.058	ng		97
14) 1,2-Dichlorobenzene	7.19	146	562286	38.026	ng		98
15) Benzyl Alcohol	7.15	79	505243	37.172	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	988727	35.547	ng		98
17) 2-Methylphenol	7.26	107	442046	37.670	ng		96
18) Hexachloroethane	7.53	117	222195	39.260	ng		94
19) n-Nitroso-di-n-propylamine	7.42	70	392781	35.975	ng		89
20) 3+4-Methylphenols	7.41	107	557690	37.086	ng		90
22) Acetophenone	7.42	105	733197	37.304	ng	#	92
24) Nitrobenzene	7.60	77	584497	38.372	ng		95
25) Isophorone	7.84	82	1061209	36.961	ng		97
26) 2-Nitrophenol	7.91	139	256388	44.570	ng		91
27) 2,4-Dimethylphenol	7.94	122	486856	38.205	ng		96
28) bis(2-Chloroethoxy)methane	8.04	93	633999	37.825	ng		99
29) 2,4-Dichlorophenol	8.15	162	465605	39.703	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	495007	38.285	ng		96
31) Naphthalene	8.32	128	1473155	38.537	ng		98
32) Benzoic acid	8.05	122	236441	33.969	ng		93
33) 4-Chloroaniline	8.37	127	634492	38.086	ng		95
34) Hexachlorobutadiene	8.43	225	317342	38.771	ng		99
35) Caprolactam	8.75	113	135258	36.805	ng	#	79
36) 4-Chloro-3-methylphenol	8.84	107	478410	37.816	ng		98
37) 2-Methylnaphthalene	9.01	142	1022365	37.800	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	517269	40.140	ng		98
40) Hexachlorocyclopentadiene	9.17	237	320964	38.561	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	334568	41.838	ng		99
43) 2,4,5-Trichlorophenol	9.33	196	368578	41.870	ng	#	93
45) 1,1'-Biphenyl	9.48	154	1215152	39.275	ng		99
46) 2-Chloronaphthalene	9.51	162	962363	39.355	ng		99
47) 2-Nitroaniline	9.60	65	326427	41.256	ng		86
48) Acenaphthylene	9.93	152	1502082	38.855	ng		99
49) Dimethylphthalate	9.78	163	1097637	37.551	ng	#	99
50) 2,6-Dinitrotoluene	9.84	165	247374	40.449	ng		92
51) Acenaphthene	10.10	154	919917	38.850	ng		99
52) 3-Nitroaniline	10.02	138	267818	40.025	ng		99
53) 2,4-Dinitrophenol	10.12	184	94405	44.648	ng	#	21
54) Dibenzofuran	10.27	168	1304331	38.022	ng		96
55) 4-Nitrophenol	10.17	139	202472	39.959	ng		92
56) 2,4-Dinitrotoluene	10.25	165	330268	41.955	ng	#	97
57) Fluorene	10.62	166	1036302	38.161	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	301590	40.990	ng	#	86
59) Diethylphthalate	10.48	149	1052743	37.193	ng		95
60) 4-Chlorophenyl-phenylether	10.60	204	533166	37.678	ng		93
61) 4-Nitroaniline	10.64	138	269238	40.698	ng		94
62) Azobenzene	10.77	77	1082590	37.035	ng		92
64) 4,6-Dinitro-2-methylphenol	10.66	198	127381	42.277	ng		88
65) n-Nitrosodiphenylamine	10.72	169	931678	38.617	ng		97
66) 4-Bromophenyl-phenylether	11.10	248	344853	38.869	ng	#	88
67) Hexachlorobenzene	11.17	284	362559	38.838	ng	#	86
68) Atrazine	11.24	200	321217	39.696	ng		96
69) Pentachlorophenol	11.36	266	180130	40.314	ng		99
70) Phenanthrene	11.59	178	1502808	39.026	ng		98
71) Anthracene	11.64	178	1547072	39.199	ng		97
72) Carbazole	11.79	167	1371549	39.114	ng		99
73) Di-n-butylphthalate	12.11	149	1608044	40.486	ng		99
74) Fluoranthene	12.78	202	1636311	38.935	ng		95
76) Benzidine	12.90	184	979737	43.420	ng		99
77) Pyrene	13.01	202	1620383	42.379	ng		98
79) Butylbenzylphthalate	13.61	149	654415	43.103	ng		96
80) Benzo(a)anthracene	14.21	228	1366732	39.433	ng		99
81) 3,3'-Dichlorobenzidine	14.16	252	479505	38.604	ng	#	98
82) Chrysene	14.24	228	1230732	38.732	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	798805	38.852	ng		99
84) Di-n-octyl phthalate	14.79	149	1208637	38.546	ng		96
85) Indeno(1,2,3-cd)pyrene	17.40	276	982818	35.697	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	1035987m	38.610	ng		
88) Benzo(k)fluoranthene	15.34	252	1004100	40.709	ng	#	97
89) Benzo(a)pyrene	15.71	252	948377	39.470	ng		97
90) Dibenzo(a,h)anthracene	17.41	278	818458	41.169	ng	#	95
91) Benzo(g,h,i)perylene	17.89	276	827871	42.290	ng	#	91

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

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