Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110190.D
Acq On : 26 Oct 2018 5:19
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/26/2018 3:49:34 PM

Quant Time: Oct 26 05:46:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	134613	20.00	ng		-0.01
21) Naphthalene-d8	8.26	136	521727	20.00	ng		-0.01
39) Acenaphthene-d10	10.02	164	211327	20.00	ng		-0.01
64) Phenanthrene-d10	11.50	188	341934	20.00	ng		-0.01
76) Chrysene-d12	14.16	240	243150	20.00	ng		0.00
87) Perylene-d12	15.68	264	182515	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	663569	80.27	ng		-0.01
7) Phenol-d6	6.60	99	808687	76.48	ng		0.00
23) Nitrobenzene-d5	7.54	82	710085	80.73	ng		-0.01
42) 2,4,6-Tribromophenol	10.80	330	141957	67.81	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1184719	88.03	ng		-0.01
79) Terphenyl-d14	13.09	244	965602	82.59	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	165424	38.196	ng		90
3) Pyridine	3.59	79	382550	39.658	ng		86
4) n-Nitrosodimethylamine	3.55	42	165404	40.927	ng		94
6) Aniline	6.63	93	530680	38.529	ng	#	54
8) 2-Chlorophenol	6.76	128	376339	39.489	ng		99
9) Benzaldehyde	6.53	77	248259	40.608	ng		92
10) Phenol	6.61	94	442340	39.138	ng	#	63
11) bis(2-Chloroethyl)ether	6.70	93	362103	38.943	ng		94
12) 1,3-Dichlorobenzene	6.91	146	409289	39.024	ng		99
13) 1,4-Dichlorobenzene	6.99	146	411243	38.770	ng		97
14) 1,2-Dichlorobenzene	7.15	146	378783	38.467	ng		98
15) Benzyl Alcohol	7.11	79	302661	37.218	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	562606	37.843	ng		68
17) 2-Methylphenol	7.22	107	288354	37.965	ng	#	81
18) Hexachloroethane	7.48	117	113026	29.104	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	250185	36.883	ng		96
20) 3+4-Methylphenols	7.37	107	367901	37.473	ng		97
22) Acetophenone	7.38	105	481339	40.039	ng	#	98
24) Nitrobenzene	7.56	77	368651	40.594	ng		92
25) Isophorone	7.79	82	586452	39.113	ng		97
26) 2-Nitrophenol	7.87	139	128204	29.666	ng		92
27) 2,4-Dimethylphenol	7.90	122	275578	38.463	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	405596	39.819	ng		99
29) 2,4-Dichlorophenol	8.11	162	277465	38.331	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	317436	39.151	ng		95
31) Naphthalene	8.27	128	918855	38.213	ng		99
32) Benzoic acid	8.00	122	89264	16.120	ng		96
33) 4-Chloroaniline	8.32	127	406774	37.588	ng		99
34) Hexachlorobutadiene	8.39	225	182924	40.632	ng		98
35) Caprolactam	8.70	113	88860	35.221	ng		91
36) 4-Chloro-3-methylphenol	8.80	107	274526	35.072	ng		94
37) 2-Methylnaphthalene	8.97	142	575892	36.198	ng		99
38) 1-Methylnaphthalene	9.07	142	552410	35.931	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	277443	42.136	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	13961	4.147 ng		92
43) 2,4,6-Trichlorophenol	9.25	196	169318	39.868 ng		96
44) 2,4,5-Trichlorophenol	9.29	196	166209	37.024 ng		93
46) 1,1'-Biphenyl	9.43	154	797819	41.748 ng		99
47) 2-Chloronaphthalene	9.46	162	570703	40.712 ng		98
48) 2-Nitroaniline	9.56	65	184107	43.341 ng		91
49) Acenaphthylene	9.87	152	792824	39.158 ng		99
50) Dimethylphthalate	9.73	163	644210	41.296 ng		99
51) 2,6-Dinitrotoluene	9.79	165	114462	34.064 ng		97
52) Acenaphthene	10.05	154	483175	36.073 ng		98
53) 3-Nitroaniline	9.97	138	165097	41.316 ng		91
54) 2,4-Dinitrophenol	10.07	184	1629	6.317 ng		83
55) Dibenzofuran	10.22	168	705653	37.629 ng		96
56) 4-Nitrophenol	10.12	139	89206	30.163 ng		90
57) 2,4-Dinitrotoluene	10.20	165	129211	30.274 ng	#	87
58) Fluorene	10.56	166	506252	36.273 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	120659m	32.975 ng		
60) Diethylphthalate	10.42	149	604586	39.703 ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	283062	38.445 ng		98
62) 4-Nitroaniline	10.58	138	160709	40.436 ng		92
63) Azobenzene	10.71	77	540290	35.745 ng		98
65) 4,6-Dinitro-2-methylphenol	10.61	198	4207	2.693 ng		85
66) n-Nitrosodiphenylamine	10.67	169	487818	43.495 ng		98
67) 4-Bromophenyl-phenylether	11.04	248	155700	41.979 ng		96
68) Hexachlorobenzene	11.11	284	157150	39.933 ng	#	87
69) Atrazine	11.19	200	129853	36.637 ng		99
70) Pentachlorophenol	11.30	266	78967	34.412 ng		97
71) Phenanthrene	11.53	178	703781	39.336 ng		98
72) Anthracene	11.58	178	705163	39.321 ng		99
73) Carbazole	11.74	167	676510	38.636 ng		99
74) Di-n-butylphthalate	12.05	149	843757	42.666 ng		100
75) Fluoranthene	12.72	202	687279	37.850 ng		99
77) Benzidine	12.84	184	451808	Below Cal		98
78) Pyrene	12.96	202	698968	40.097 ng		98
80) Butylbenzylphthalate	13.56	149	332477	43.943 ng		98
81) Benzo(a)anthracene	14.14	228	559882	38.829 ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	223964	44.605 ng		99
83) Chrysene	14.18	228	526782	38.464 ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	449656	43.964 ng		97
85) Di-n-octyl phthalate	14.73	149	717819	45.136 ng		98
86) Indeno(1,2,3-cd)pyrene	17.25	276	378081	33.277 ng		95
88) Benzo(b)fluoranthene	15.23	252	420835	39.929 ng		100
89) Benzo(k)fluoranthene	15.26	252	426953	41.206 ng		97
90) Benzo(a)pyrene	15.62	252	381780	39.366 ng		98
91) Dibenzo(a,h)anthracene	17.26	278	322449	38.533 ng		98
92) Benzo(g,h,i)perylene	17.72	276	295564	35.843 ng	#	94

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

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