Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111106.D
Acq On : 5 Dec 2018 13:55
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
12/6/2018 12:10:41 PM

Quant Time: Dec 05 17:23:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 15:25:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	550121	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2287627	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1093427	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1868619	20.00	ng	0.00
76) Chrysene-d12	13.95	240	1429152	20.00	ng	0.00
87) Perylene-d12	15.38	264	1214739	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	783768	23.63	ng	0.00
7) Phenol-d6	6.42	99	1014176	23.46	ng	-0.02
23) Nitrobenzene-d5	7.36	82	816707	20.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	184595	17.00	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1613772	21.38	ng	0.00
79) Terphenyl-d14	12.90	244	1523605	20.75	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.55	88	213706	13.446	ng	# 82
3) Pyridine	3.27	79	464985	13.361	ng	# 77
4) n-Nitrosodimethylamine	3.19	42	225147	14.138	ng	# 82
6) Aniline	6.46	93	646832	12.103	ng	# 54
8) 2-Chlorophenol	6.58	128	444909	11.317	ng	92
9) Benzaldehyde	6.35	77	337984	14.647	ng	99
10) Phenol	6.43	94	538477m	11.060	ng	
11) bis(2-Chloroethyl)ether	6.53	93	438745	11.962	ng	91
12) 1,3-Dichlorobenzene	6.75	146	469555	10.872	ng	98
13) 1,4-Dichlorobenzene	6.82	146	484915	10.918	ng	99
14) 1,2-Dichlorobenzene	6.97	146	453321	10.844	ng	99
15) Benzyl Alcohol	6.93	79	391879	11.795	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	858835	14.713	ng	64
17) 2-Methylphenol	7.05	107	355343	11.368	ng	# 80
18) Hexachloroethane	7.32	117	171598	10.503	ng	88
19) n-Nitroso-di-n-propylamine	7.21	70	330222	11.727	ng	# 88
20) 3+4-Methylphenols	7.20	107	462288	11.125	ng	94
22) Acetophenone	7.20	105	610046	11.377	ng	# 88
24) Nitrobenzene	7.37	77	432723	10.410	ng	99
25) Isophorone	7.62	82	760482	11.598	ng	99
26) 2-Nitrophenol	7.70	139	161933	8.018	ng	91
27) 2,4-Dimethylphenol	7.73	122	355918	11.670	ng	95
28) bis(2-Chloroethoxy)methane	7.83	93	522441	11.894	ng	99
29) 2,4-Dichlorophenol	7.93	162	345028	10.811	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	348946	9.757	ng	97
31) Naphthalene	8.10	128	1220807	11.385	ng	99
32) Benzoic acid	7.80	122	202346m	8.924	ng	
33) 4-Chloroaniline	8.15	127	542149	11.878	ng	98
34) Hexachlorobutadiene	8.23	225	190994	9.376	ng	98
35) Caprolactam	8.48	113	124078	11.388	ng	# 75
36) 4-Chloro-3-methylphenol	8.62	107	379753	10.710	ng	97
37) 2-Methylnaphthalene	8.80	142	769522	10.864	ng	98
38) 1-Methylnaphthalene	8.89	142	749891	10.885	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	324370	9.430	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	155411	44.902	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	220839	10.750	ng		97
44) 2,4,5-Trichlorophenol	9.10	196	233784	10.808	ng		97
46) 1,1'-Biphenyl	9.26	154	1050398	10.420	ng		99
47) 2-Chloronaphthalene	9.28	162	783753	10.723	ng		99
48) 2-Nitroaniline	9.37	65	206411	9.029	ng		99
49) Acenaphthylene	9.70	152	1162679	11.187	ng		98
50) Dimethylphthalate	9.56	163	861410	10.742	ng		99
51) 2,6-Dinitrotoluene	9.61	165	165870	9.291	ng		93
52) Acenaphthene	9.87	154	710148	10.658	ng		100
53) 3-Nitroaniline	9.77	138	206126	9.906	ng		93
54) 2,4-Dinitrophenol	9.88	184	28737	5.064	ng	#	1
55) Dibenzofuran	10.04	168	1066210	10.969	ng		96
56) 4-Nitrophenol	9.92	139	155272	14.963	ng		91
57) 2,4-Dinitrotoluene	10.01	165	187663	8.102	ng		96
58) Fluorene	10.38	166	759064	10.037	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.16	232	174344	9.821	ng	#	85
60) Diethylphthalate	10.26	149	845572	10.225	ng		98
61) 4-Chlorophenyl-phenylether	10.38	204	361133	9.129	ng		100
62) 4-Nitroaniline	10.38	138	180600	9.322	ng		90
63) Azobenzene	10.53	77	911709	11.311	ng		91
65) 4,6-Dinitro-2-methylphenol	10.42	198	57137	6.464	ng	#	73
66) n-Nitrosodiphenylamine	10.49	169	730665	11.746	ng		97
67) 4-Bromophenyl-phenylether	10.87	248	210930	10.365	ng		96
68) Hexachlorobenzene	10.93	284	214775	9.908	ng	#	91
69) Atrazine	11.02	200	214410	13.394	ng		97
70) Pentachlorophenol	11.12	266	141673	16.428	ng		99
71) Phenanthrene	11.34	178	1091011	11.024	ng		100
72) Anthracene	11.39	178	1103348	10.947	ng		99
73) Carbazole	11.54	167	1155801	11.815	ng		100
74) Di-n-butylphthalate	11.89	149	1331533	11.641	ng		98
75) Fluoranthene	12.53	202	1075996	10.578	ng		98
77) Benzidine	12.64	184	639739	17.501	ng		96
78) Pyrene	12.75	202	1132982	10.854	ng		98
80) Butylbenzylphthalate	13.38	149	509843	10.819	ng		96
81) Benzo(a)anthracene	13.94	228	900881	10.677	ng		100
82) 3,3'-Dichlorobenzidine	13.90	252	344287	11.900	ng	#	97
83) Chrysene	13.97	228	882426	10.624	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	652957	10.398	ng		95
85) Di-n-octyl phthalate	14.56	149	1061299	10.707	ng	#	91
86) Indeno(1,2,3-cd)pyrene	16.77	276	583376m	9.785	ng		
88) Benzo(b)fluoranthene	14.97	252	750554	10.518	ng		98
89) Benzo(k)fluoranthene	14.99	252	723752	9.854	ng	#	96
90) Benzo(a)pyrene	15.32	252	661596	9.960	ng	#	96
91) Dibenzo(a,h)anthracene	16.79	278	488742	8.918	ng	#	92
92) Benzo(g,h,i)perylene	17.20	276	467421	8.845	ng	#	90

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

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