Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109811.D
Acq On : 12 Oct 2018 3:10
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED

Quant Time: Oct 12 08:58:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Sohil

10/12/2018 11:01:43 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	71092	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	264672	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	108177	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	232322	20.00	ng		0.00
75) Chrysene-d12	13.83	240	244138	20.00	ng		0.00
86) Perylene-d12	15.23	264	171643	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	352094	87.91	ng		-0.01
7) Phenol-d6	6.35	99	424975	79.43	ng		0.00
23) Nitrobenzene-d5	7.26	82	412526	85.92	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	104655	88.79	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	673139	85.70	ng		0.00
78) Terphenyl-d14	12.78	244	847470	67.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	94992	45.192	ng		100
3) Pyridine	3.05	79	157714	36.368	ng		97
4) n-Nitrosodimethylamine	2.99	42	58106	37.122	ng		94
6) Aniline	6.36	93	246592	39.565	ng		99
8) 2-Chlorophenol	6.49	128	203344	41.282	ng		99
9) Benzaldehyde	6.25	77	140456	40.795	ng		97
10) Phenol	6.36	94	226490	36.917	ng		95
11) bis(2-Chloroethyl)ether	6.43	93	172847	33.982	ng		100
12) 1,3-Dichlorobenzene	6.64	146	229065	40.659	ng		97
13) 1,4-Dichlorobenzene	6.72	146	252449	41.107	ng		99
14) 1,2-Dichlorobenzene	6.87	146	224966	41.712	ng		98
15) Benzyl Alcohol	6.85	79	147278	37.130	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	254533	37.740	ng		98
17) 2-Methylphenol	6.97	107	142973	36.705	ng		97
18) Hexachloroethane	7.20	117	76338	35.167	ng		92
19) n-Nitroso-di-n-propylamine	7.12	70	138490	36.910	ng		99
20) 3+4-Methylphenols	7.12	107	169666	35.349	ng		94
22) Acetophenone	7.11	105	266633	41.660	ng	#	98
24) Nitrobenzene	7.28	77	209949	42.022	ng		99
25) Isophorone	7.52	82	309283	38.791	ng		100
26) 2-Nitrophenol	7.60	139	50288	21.519	ng		96
27) 2,4-Dimethylphenol	7.65	122	127910	37.903	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	212628	39.426	ng		99
29) 2,4-Dichlorophenol	7.85	162	141150	37.289	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	168337	40.173	ng		100
31) Naphthalene	8.00	128	462752	37.805	ng		99
32) Benzoic acid	7.76	122	48354	20.041	ng	#	84
33) 4-Chloroaniline	8.06	127	206126	38.240	ng		98
34) Hexachlorobutadiene	8.12	225	109182	41.906	ng		96
35) Caprolactam	8.42	113	39780	35.190	ng		95
36) 4-Chloro-3-methylphenol	8.54	107	140408	35.140	ng		98
37) 2-Methylnaphthalene	8.69	142	284550	35.489	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	157075	42.656	ng		99
40) Hexachlorocyclopentadiene	8.84	237	1659	8.140	ng		93

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	85444	38.815 ng	100
43) 2,4,5-Trichlorophenol	9.02	196	101125	39.954 ng	97
45) 1,1'-Biphenyl	9.15	154	404415	41.848 ng	99
46) 2-Chloronaphthalene	9.17	162	295131	40.763 ng	99
47) 2-Nitroaniline	9.27	65	94044	42.898 ng	100
48) Acenaphthylene	9.59	152	426788	40.434 ng	99
49) Dimethylphthalate	9.45	163	327185	41.240 ng	99
50) 2,6-Dinitrotoluene	9.52	165	63468	36.905 ng	95
51) Acenaphthene	9.76	154	251662	40.220 ng	99
52) 3-Nitroaniline	9.69	138	89860	46.613 ng	100
54) Dibenzofuran	9.93	168	378010	40.303 ng	100
55) 4-Nitrophenol	9.87	139	32876	31.156 ng	95
56) 2,4-Dinitrotoluene	9.92	165	75313	35.091 ng	93
57) Fluorene	10.27	166	284225	40.579 ng	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	89227	43.368 ng	99
59) Diethylphthalate	10.15	149	326913	41.587 ng	98
60) 4-Chlorophenyl-phenylether	10.26	204	150641	40.767 ng	99
61) 4-Nitroaniline	10.30	138	88848	49.766 ng	98
62) Azobenzene	10.42	77	324108	40.602 ng	99
65) n-Nitrosodiphenylamine	10.38	169	284237	36.090 ng	100
66) 4-Bromophenyl-phenylether	10.75	248	93102	34.877 ng	96
67) Hexachlorobenzene	10.82	284	103938	35.957 ng	96
68) Atrazine	10.91	200	84364	34.324 ng	99
69) Pentachlorophenol	11.02	266	66868	41.111 ng	97
70) Phenanthrene	11.23	178	446089	38.369 ng	100
71) Anthracene	11.28	178	500087	41.610 ng	99
72) Carbazole	11.44	167	499368	42.841 ng	99
73) Di-n-butylphthalate	11.76	149	538070	39.800 ng	100
74) Fluoranthene	12.41	202	572580	47.142 ng	98
76) Benzidine	12.54	184	336816	37.139 ng	97
77) Pyrene	12.63	202	592827	33.143 ng	99
79) Butylbenzylphthalate	13.26	149	283292	36.530 ng	94
80) Benzo(a)anthracene	13.82	228	509001	37.781 ng	100
81) 3,3'-Dichlorobenzidine	13.79	252	227376	41.914 ng	99
82) Chrysene	13.86	228	559903	39.565 ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	381106	40.280 ng	99
84) Di-n-octyl phthalate	14.42	149	698270	46.691 ng	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	322690m	31.858 ng	
87) Benzo(b)fluoranthene	14.83	252	397763	41.935 ng	99
88) Benzo(k)fluoranthene	14.86	252	386187	40.522 ng	100
89) Benzo(a)pyrene	15.17	252	332754	38.658 ng	97
90) Dibenzo(a,h)anthracene	16.59	278	266449	37.691 ng	96
91) Benzo(g,h,i)perylene	16.99	276	262879	37.239 ng	96

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

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