Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109826.D
Acq On : 12 Oct 2018 11:48
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/15/2018 10:28:14 AM

Quant Time: Oct 12 13:23:50 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	83938	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	351184	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	163484	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	307447	20.00	ng		0.00
75) Chrysene-d12	13.83	240	230946	20.00	ng		0.00
86) Perylene-d12	15.23	264	182629	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	384533	81.32	ng		-0.01
7) Phenol-d6	6.35	99	500942	79.30	ng		-0.01
23) Nitrobenzene-d5	7.26	82	503643	79.05	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	141111	79.22	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	941048	79.28	ng		0.00
78) Terphenyl-d14	12.78	244	929217	77.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	100626	40.546	ng		98
3) Pyridine	3.09	79	189381	36.987	ng		97
4) n-Nitrosodimethylamine	3.04	42	64146	34.709	ng		93
6) Aniline	6.36	93	297513	40.429	ng		93
8) 2-Chlorophenol	6.49	128	235708	40.529	ng		99
9) Benzaldehyde	6.25	77	152982	37.633	ng		98
10) Phenol	6.36	94	271942	37.541	ng		98
11) bis(2-Chloroethyl)ether	6.43	93	267111	44.478	ng		99
12) 1,3-Dichlorobenzene	6.63	146	258247	38.824	ng		98
13) 1,4-Dichlorobenzene	6.72	146	290097	40.008	ng		99
14) 1,2-Dichlorobenzene	6.87	146	265897	41.756	ng		98
15) Benzyl Alcohol	6.85	79	162150	34.623	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	303829	38.155	ng		96
17) 2-Methylphenol	6.96	107	177378	38.568	ng		92
18) Hexachloroethane	7.20	117	102400	39.954	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	170269	38.435	ng		99
20) 3+4-Methylphenols	7.12	107	212891	37.566	ng		92
22) Acetophenone	7.11	105	333550	39.277	ng	#	98
24) Nitrobenzene	7.28	77	269558	40.662	ng		99
25) Isophorone	7.52	82	398083	37.629	ng		99
26) 2-Nitrophenol	7.60	139	124006	39.991	ng		98
27) 2,4-Dimethylphenol	7.65	122	170752	38.133	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	278303	38.892	ng		99
29) 2,4-Dichlorophenol	7.85	162	199523	39.726	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	221368	39.814	ng		98
31) Naphthalene	8.00	128	623014	38.360	ng		100
32) Benzoic acid	7.79	122	126857m	39.625	ng		
33) 4-Chloroaniline	8.06	127	277085	38.741	ng		98
34) Hexachlorobutadiene	8.12	225	136809	39.574	ng		99
35) Caprolactam	8.43	113	58000	38.668	ng		89
36) 4-Chloro-3-methylphenol	8.55	107	208714	39.367	ng		96
37) 2-Methylnaphthalene	8.69	142	399827	37.582	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	223620	40.183	ng		100
40) Hexachlorocyclopentadiene	8.85	237	67260	32.320	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	126258	37.952	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	149037	38.963	ng	98
45) 1,1'-Biphenyl	9.15	154	582183	39.862	ng	100
46) 2-Chloronaphthalene	9.17	162	438857	40.108	ng	98
47) 2-Nitroaniline	9.28	65	132265	39.922	ng	94
48) Acenaphthylene	9.59	152	631758	39.604	ng	99
49) Dimethylphthalate	9.46	163	458678	38.255	ng	99
50) 2,6-Dinitrotoluene	9.52	165	103557	39.844	ng	95
51) Acenaphthene	9.76	154	362689	38.355	ng	100
52) 3-Nitroaniline	9.69	138	117105	40.195	ng	92
53) 2,4-Dinitrophenol	9.81	184	32907m	39.243	ng	
54) Dibenzofuran	9.93	168	565005	39.860	ng	98
55) 4-Nitrophenol	9.87	139	53512m	33.556	ng	
56) 2,4-Dinitrotoluene	9.92	165	128478	39.611	ng	93
57) Fluorene	10.27	166	415449	39.248	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	129450	41.632	ng	96
59) Diethylphthalate	10.15	149	459859	38.709	ng	100
60) 4-Chlorophenyl-phenylether	10.26	204	224747	40.245	ng	100
61) 4-Nitroaniline	10.30	138	106345	39.415	ng	99
62) Azobenzene	10.42	77	481127	39.882	ng	99
64) 4,6-Dinitro-2-methylphenol	10.33	198	51133	34.170	ng	89
65) n-Nitrosodiphenylamine	10.39	169	410536	39.389	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	135955	38.486	ng	96
67) Hexachlorobenzene	10.82	284	146032	38.175	ng	93
68) Atrazine	10.91	200	127361	39.156	ng	99
69) Pentachlorophenol	11.02	266	78263	36.359	ng	100
70) Phenanthrene	11.23	178	598444	38.896	ng	100
71) Anthracene	11.28	178	652050	40.997	ng	100
72) Carbazole	11.44	167	626917	40.641	ng	99
73) Di-n-butylphthalate	11.77	149	698882	39.063	ng	99
74) Fluoranthene	12.41	202	637191	39.643	ng	98
76) Benzidine	12.54	184	347074	40.456	ng	98
77) Pyrene	12.64	202	644298	38.078	ng	99
79) Butylbenzylphthalate	13.26	149	287170	39.145	ng	96
80) Benzo(a)anthracene	13.82	228	480459	37.699	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	198243	38.631	ng	100
82) Chrysene	13.86	228	532648	39.790	ng	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	351871	39.314	ng	97
84) Di-n-octyl phthalate	14.42	149	554426	39.190	ng	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	365419	38.137	ng	100
87) Benzo(b)fluoranthene	14.84	252	384128	38.061	ng	98
88) Benzo(k)fluoranthene	14.86	252	411655	40.596	ng	99
89) Benzo(a)pyrene	15.17	252	358892	39.186	ng	98
90) Dibenzo(a,h)anthracene	16.59	278	305908	40.670	ng	100
91) Benzo(g,h,i)perylene	16.99	276	308553	41.079	ng	99

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

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