Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102720\
Data File : BF122134.D
Acq On : 27 Oct 2020 9:28
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/28/2020 8:05:12 AM

Quant Time: Oct 27 10:50:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 17:27:32 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.716	152	108198	20.00	ng		0.00
21) Naphthalene-d8	7.998	136	403641	20.00	ng		0.00
39) Acenaphthene-d10	9.751	164	213615	20.00	ng		0.00
64) Phenanthrene-d10	11.239	188	400276	20.00	ng		0.00
76) Chrysene-d12	13.880	240	295557	20.00	ng		0.00
86) Perylene-d12	15.310	264	234106	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	585995	79.93	ng		0.00
7) Phenol-d6	6.375	99	706359	74.85	ng		0.00
23) Nitrobenzene-d5	7.292	82	631301	80.21	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	215969	81.73	ng		0.00
45) 2-Fluorobiphenyl	9.075	172	1087087	74.88	ng		0.00
79) Terphenyl-d14	12.821	244	1267669	81.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.369	88	121285	37.62	ng		99
3) Pyridine	3.087	79	322457	38.04	ng		98
4) n-Nitrosodimethylamine	3.052	42	160687	39.22	ng		92
6) Aniline	6.387	93	430893	37.08	ng	#	39
8) 2-Chlorophenol	6.510	128	292476	39.47	ng		97
9) Benzaldehyde	6.269	77	208112	40.11	ng		98
10) Phenol	6.387	94	370276	38.02	ng	#	73
11) bis(2-Chloroethyl)ether	6.457	93	288493	38.32	ng		100
12) 1,3-Dichlorobenzene	6.657	146	320669	38.47	ng		98
13) 1,4-Dichlorobenzene	6.734	146	324367	38.76	ng		99
14) 1,2-Dichlorobenzene	6.887	146	297313	38.87	ng		97
15) Benzyl Alcohol	6.875	79	251320	41.17	ng		95
16) 2,2'-oxybis(1-Chloropr...	6.998	45	442902	38.23	ng		56
17) 2-Methylphenol	6.992	107	237743	37.53	ng	#	89
18) Hexachloroethane	7.222	117	120919	40.01	ng		98
19) n-Nitroso-di-n-propyla...	7.139	70	217361	40.45	ng		99
20) 3+4-Methylphenols	7.151	107	311954	40.84	ng	#	60
22) Acetophenone	7.134	105	415902	40.05	ng	#	90
24) Nitrobenzene	7.310	77	333163	39.60	ng		99
25) Isophorone	7.551	82	592933	39.84	ng		98
26) 2-Nitrophenol	7.628	139	157369	40.62	ng		99
27) 2,4-Dimethylphenol	7.669	122	253769	38.43	ng		96
28) bis(2-Chloroethoxy)met...	7.757	93	369863	39.72	ng		99
29) 2,4-Dichlorophenol	7.875	162	249444	40.34	ng		98
30) 1,2,4-Trichlorobenzene	7.945	180	256552	39.01	ng		98
31) Naphthalene	8.022	128	846785	39.16	ng		99
32) Benzoic acid	7.839	122	123310	35.12	ng		97
33) 4-Chloroaniline	8.081	127	368200	39.98	ng		98
34) Hexachlorobutadiene	8.134	225	155777	39.95	ng		99
35) Caprolactam	8.469	113	81415m	41.45	ng		
36) 4-Chloro-3-methylphenol	8.575	107	269995	40.65	ng		98
37) 2-Methylnaphthalene	8.710	142	552404	39.44	ng		99
38) 1-Methylnaphthalene	8.810	142	508603	39.22	ng		99
40) 1,2,4,5-Tetrachloroben...	8.881	216	264684	38.39	ng		99
41) Hexachlorocyclopentadiene	8.863	237	45663	35.43	ng		99
43) 2,4,6-Trichlorophenol	9.004	196	169190	39.77	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	178039	38.75	ng		98
46) 1,1'-Biphenyl	9.175	154	667036	38.40	ng		100
47) 2-Chloronaphthalene	9.204	162	515991	38.20	ng		100
48) 2-Nitroaniline	9.310	65	182012	40.85	ng		96
49) Acenaphthylene	9.616	152	779364	37.57	ng		100
50) Dimethylphthalate	9.480	163	612571	39.22	ng		99
51) 2,6-Dinitrotoluene	9.551	165	137191	40.04	ng		94
52) Acenaphthene	9.786	154	476963	38.65	ng		99
53) 3-Nitroaniline	9.728	138	155640	39.94	ng		95
54) 2,4-Dinitrophenol	9.851	184	55104	36.78	ng	#	88
55) Dibenzofuran	9.957	168	693311	38.42	ng		98
56) 4-Nitrophenol	9.916	139	85188	40.19	ng		86
57) 2,4-Dinitrotoluene	9.963	165	171694	40.70	ng	#	87
58) Fluorene	10.304	166	575297	39.57	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	149691	42.12	ng		99
60) Diethylphthalate	10.175	149	613603	40.74	ng		98
61) 4-Chlorophenyl-phenyle...	10.292	204	279301	40.06	ng		98
62) 4-Nitroaniline	10.345	138	145681	37.42	ng		94
63) Azobenzene	10.451	77	639722	40.16	ng		99
65) 4,6-Dinitro-2-methylph...	10.380	198	98783	37.86	ng		98
66) n-Nitrosodiphenylamine	10.416	169	534800	38.79	ng		99
67) 4-Bromophenyl-phenylether	10.780	248	182321	39.43	ng		99
68) Hexachlorobenzene	10.851	284	203859	38.95	ng		98
69) Atrazine	10.945	200	139713	41.44	ng		99
70) Pentachlorophenol	11.063	266	58188	33.41	ng		98
71) Phenanthrene	11.263	178	842853	38.40	ng		100
72) Anthracene	11.316	178	872862	38.35	ng		99
73) Carbazole	11.475	167	784084	38.74	ng		100
74) Di-n-butylphthalate	11.798	149	940763	40.40	ng		99
75) Fluoranthene	12.451	202	896721	38.10	ng		99
77) Benzidine	12.574	184	348600	38.26	ng		99
78) Pyrene	12.680	202	912570	40.52	ng		99
80) Butylbenzylphthalate	13.292	149	381591	42.72	ng		98
81) Benzo(a)anthracene	13.874	228	783868	40.47	ng		100
82) 3,3'-Dichlorobenzidine	13.833	252	279422	38.89	ng		100
83) Chrysene	13.910	228	743333	39.09	ng		100
84) Bis(2-ethylhexyl)phtha...	13.851	149	519162	42.81	ng		99
85) Di-n-octyl phthalate	14.457	149	818529	41.73	ng		100
87) Indeno(1,2,3-cd)pyrene	16.727	276	598594	39.38	ng		98
88) Benzo(b)fluoranthene	14.904	252	652222	41.22	ng		99
89) Benzo(k)fluoranthene	14.933	252	656699	43.69	ng		100
90) Benzo(a)pyrene	15.257	252	571771	41.83	ng		99
91) Dibenzo(a,h)anthracene	16.727	278	496402	39.66	ng		98
92) Benzo(g,h,i)perylene	17.145	276	496722	39.66	ng		97

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

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