Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122206.D
Acq On : 31 Oct 2020 6:36
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
11/2/2020 12:36:46 PM

Quant Time: Oct 31 08:19:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 10:16:54 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.710	152	103595	20.00	ng		0.00
21) Naphthalene-d8	7.992	136	373869	20.00	ng		0.00
39) Acenaphthene-d10	9.745	164	176632	20.00	ng		0.00
64) Phenanthrene-d10	11.233	188	277421	20.00	ng		0.00
76) Chrysene-d12	13.880	240	212466	20.00	ng		0.00
86) Perylene-d12	15.321	264	188084	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	562092	80.08	ng		0.00
7) Phenol-d6	6.375	99	679603	75.21	ng		0.00
23) Nitrobenzene-d5	7.287	82	599015	82.17	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	157524	72.09	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	982403	81.83	ng		0.00
79) Terphenyl-d14	12.816	244	840038	75.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.346	88	113980	36.92	ng		99
3) Pyridine	3.069	79	298075	36.72	ng		97
4) n-Nitrosodimethylamine	3.040	42	156415	39.87	ng		93
6) Aniline	6.381	93	415115	37.31	ng	#	68
8) 2-Chlorophenol	6.504	128	282410	39.81	ng		100
9) Benzaldehyde	6.269	77	202363	41.09	ng		99
10) Phenol	6.387	94	352425	37.80	ng		82
11) bis(2-Chloroethyl)ether	6.451	93	278753	38.67	ng		99
12) 1,3-Dichlorobenzene	6.651	146	308332	38.64	ng		97
13) 1,4-Dichlorobenzene	6.728	146	313238	39.10	ng		99
14) 1,2-Dichlorobenzene	6.881	146	283463	38.70	ng		98
15) Benzyl Alcohol	6.875	79	247191	42.30	ng		98
16) 2,2'-oxybis(1-Chloropr...	6.987	45	427404	38.53	ng	#	40
17) 2-Methylphenol	6.992	107	229756	37.88	ng	#	85
18) Hexachloroethane	7.216	117	103916	35.91	ng		93
19) n-Nitroso-di-n-propyla...	7.140	70	213793	41.56	ng		96
20) 3+4-Methylphenols	7.145	107	313484	42.86	ng	#	65
22) Acetophenone	7.134	105	402303	41.82	ng	#	88
24) Nitrobenzene	7.304	77	317967	40.81	ng		99
25) Isophorone	7.545	82	562926	40.84	ng		99
26) 2-Nitrophenol	7.622	139	137946	38.44	ng		94
27) 2,4-Dimethylphenol	7.669	122	240407	39.30	ng		96
28) bis(2-Chloroethoxy)met...	7.751	93	350074	40.59	ng		100
29) 2,4-Dichlorophenol	7.875	162	229994	40.15	ng		98
30) 1,2,4-Trichlorobenzene	7.939	180	240122	39.42	ng		99
31) Naphthalene	8.016	128	790745	39.48	ng		99
32) Benzoic acid	7.834	122	94488	30.38	ng		97
33) 4-Chloroaniline	8.081	127	337584	39.57	ng		99
34) Hexachlorobutadiene	8.128	225	151793	42.03	ng		99
35) Caprolactam	8.463	113	71016	39.04	ng		97
36) 4-Chloro-3-methylphenol	8.575	107	247737	40.27	ng		97
37) 2-Methylnaphthalene	8.710	142	496784	38.30	ng		97
38) 1-Methylnaphthalene	8.804	142	455261	37.90	ng		100
40) 1,2,4,5-Tetrachloroben...	8.875	216	237835	41.72	ng		99
41) Hexachlorocyclopentadiene	8.851	237	7346	15.24	ng		98
43) 2,4,6-Trichlorophenol	8.998	196	149321	42.45	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	144807	38.12	ng	98
46) 1,1'-Biphenyl	9.169	154	597214	41.58	ng	99
47) 2-Chloronaphthalene	9.198	162	451623	40.44	ng	99
48) 2-Nitroaniline	9.310	65	157637	42.79	ng	97
49) Acenaphthylene	9.610	152	656078	38.25	ng	100
50) Dimethylphthalate	9.475	163	539784	41.79	ng	100
51) 2,6-Dinitrotoluene	9.551	165	112298	39.64	ng	96
52) Acenaphthene	9.781	154	402625	39.46	ng	99
53) 3-Nitroaniline	9.728	138	128322	39.82	ng	97
54) 2,4-Dinitrophenol	9.863	184	22609m	22.63	ng	
55) Dibenzofuran	9.951	168	586590	39.31	ng	95
56) 4-Nitrophenol	9.922	139	78512	44.79	ng	82
57) 2,4-Dinitrotoluene	9.963	165	139415	39.97	ng	98
58) Fluorene	10.298	166	460316	38.29	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	113408	38.59	ng	99
60) Diethylphthalate	10.169	149	525236	42.17	ng	98
61) 4-Chlorophenyl-phenyle...	10.286	204	232398	40.31	ng	97
62) 4-Nitroaniline	10.345	138	115512	35.88	ng	91
63) Azobenzene	10.445	77	510068	38.73	ng	98
65) 4,6-Dinitro-2-methylph...	10.380	198	27626	17.92	ng	96
66) n-Nitrosodiphenylamine	10.410	169	420462	44.00	ng	99
67) 4-Bromophenyl-phenylether	10.775	248	141224	44.06	ng	97
68) Hexachlorobenzene	10.845	284	147642	40.70	ng	97
69) Atrazine	10.939	200	87936	37.63	ng	98
70) Pentachlorophenol	11.057	266	53252	41.57	ng	98
71) Phenanthrene	11.263	178	596690	39.23	ng	99
72) Anthracene	11.310	178	623750	39.54	ng	99
73) Carbazole	11.475	167	549192	39.15	ng	98
74) Di-n-butylphthalate	11.792	149	706901	43.80	ng	99
75) Fluoranthene	12.451	202	589074	36.12	ng	98
77) Benzidine	12.580	184	236482	36.10	ng	100
78) Pyrene	12.680	202	598185	36.94	ng	99
80) Butylbenzylphthalate	13.286	149	255574	39.80	ng	97
81) Benzo(a)anthracene	13.874	228	561137	40.30	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	213659	41.37	ng	98
83) Chrysene	13.910	228	543789	39.79	ng	99
84) Bis(2-ethylhexyl)phtha...	13.845	149	352264	40.41	ng	100
85) Di-n-octyl phthalate	14.457	149	608634	43.16	ng	99
87) Indeno(1,2,3-cd)pyrene	16.733	276	462084	37.84	ng	98
88) Benzo(b)fluoranthene	14.910	252	530302	41.71	ng	99
89) Benzo(k)fluoranthene	14.933	252	508820	42.13	ng	99
90) Benzo(a)pyrene	15.263	252	451697	41.13	ng	100
91) Dibenzo(a,h)anthracene	16.733	278	393329	39.12	ng	97
92) Benzo(g,h,i)perylene	17.157	276	372021	36.97	ng	97

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

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