Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122176.D
Acq On : 30 Oct 2020 12:08
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
11/2/2020 12:35:51 PM

Quant Time: Oct 30 13:11:35 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	86254	20.00	ng		0.00
21) Naphthalene-d8	7.992	136	315214	20.00	ng		0.00
39) Acenaphthene-d10	9.745	164	163618	20.00	ng		0.00
64) Phenanthrene-d10	11.233	188	306867	20.00	ng		0.00
76) Chrysene-d12	13.880	240	242452	20.00	ng		0.00
86) Perylene-d12	15.315	264	194334	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	481999	82.48	ng		0.00
7) Phenol-d6	6.369	99	594039	78.96	ng		0.00
23) Nitrobenzene-d5	7.286	82	499426	81.26	ng		0.00
42) 2,4,6-Tribromophenol	10.539	330	161748	79.92	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	850247	76.46	ng		0.00
79) Terphenyl-d14	12.816	244	1006384	79.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.369	88	104053	40.48	ng		98
3) Pyridine	3.087	79	252070	37.30	ng		99
4) n-Nitrosodimethylamine	3.051	42	133339	40.82	ng		94
6) Aniline	6.381	93	362856	39.17	ng	#	53
8) 2-Chlorophenol	6.504	128	235734	39.91	ng		96
9) Benzaldehyde	6.269	77	163607	39.26	ng		98
10) Phenol	6.381	94	305656	39.37	ng	#	68
11) bis(2-Chloroethyl)ether	6.451	93	233948	38.98	ng		98
12) 1,3-Dichlorobenzene	6.645	146	259100	39.00	ng		98
13) 1,4-Dichlorobenzene	6.728	146	265597	39.81	ng		99
14) 1,2-Dichlorobenzene	6.881	146	240610	39.46	ng		99
15) Benzyl Alcohol	6.869	79	204211	41.97	ng		94
16) 2,2'-oxybis(1-Chloropr...	6.986	45	341086	36.93	ng	#	18
17) 2-Methylphenol	6.986	107	191957	38.01	ng	#	87
18) Hexachloroethane	7.216	117	94830	39.36	ng		93
19) n-Nitroso-di-n-propyla...	7.134	70	170802	39.88	ng		99
20) 3+4-Methylphenols	7.145	107	255740	41.99	ng	#	65
22) Acetophenone	7.134	105	332154	40.95	ng	#	88
24) Nitrobenzene	7.304	77	266858	40.62	ng		98
25) Isophorone	7.539	82	461498	39.71	ng		99
26) 2-Nitrophenol	7.622	139	122370	40.45	ng		96
27) 2,4-Dimethylphenol	7.663	122	201516	39.07	ng		97
28) bis(2-Chloroethoxy)met...	7.751	93	283258	38.96	ng		98
29) 2,4-Dichlorophenol	7.875	162	193928	40.16	ng		98
30) 1,2,4-Trichlorobenzene	7.939	180	201519	39.24	ng		99
31) Naphthalene	8.016	128	667540	39.53	ng		100
32) Benzoic acid	7.833	122	96917	35.30	ng		97
33) 4-Chloroaniline	8.075	127	293059	40.74	ng		97
34) Hexachlorobutadiene	8.128	225	120380	39.53	ng		99
35) Caprolactam	8.457	113	63834m	41.62	ng		
36) 4-Chloro-3-methylphenol	8.575	107	215975	41.64	ng		98
37) 2-Methylnaphthalene	8.710	142	430024	39.32	ng		98
38) 1-Methylnaphthalene	8.804	142	396194	39.12	ng		100
40) 1,2,4,5-Tetrachloroben...	8.875	216	206508	39.10	ng		100
41) Hexachlorocyclopentadiene	8.851	237	32064	33.67	ng		97
43) 2,4,6-Trichlorophenol	8.998	196	124949	38.35	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	124105	35.27	ng		99
46) 1,1'-Biphenyl	9.169	154	523241	39.33	ng		99
47) 2-Chloronaphthalene	9.198	162	410373	39.67	ng		99
48) 2-Nitroaniline	9.310	65	147053	43.09	ng		99
49) Acenaphthylene	9.610	152	615322	38.72	ng		100
50) Dimethylphthalate	9.475	163	461842	38.60	ng		100
51) 2,6-Dinitrotoluene	9.545	165	105481	40.19	ng	#	89
52) Acenaphthene	9.780	154	375831	39.76	ng		99
53) 3-Nitroaniline	9.722	138	121409	40.68	ng		97
54) 2,4-Dinitrophenol	9.851	184	56603	46.36	ng	#	84
55) Dibenzofuran	9.951	168	554443	40.11	ng		95
56) 4-Nitrophenol	9.916	139	70653	43.51	ng		86
57) 2,4-Dinitrotoluene	9.963	165	138756	42.95	ng		97
58) Fluorene	10.298	166	451020	40.50	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	105848	38.88	ng		97
60) Diethylphthalate	10.175	149	462131	40.06	ng		99
61) 4-Chlorophenyl-phenyle...	10.286	204	212791	39.84	ng		97
62) 4-Nitroaniline	10.339	138	113169	37.95	ng		90
63) Azobenzene	10.445	77	487466	39.95	ng		98
65) 4,6-Dinitro-2-methylph...	10.380	198	70280	35.46	ng		99
66) n-Nitrosodiphenylamine	10.410	169	411040	38.88	ng		99
67) 4-Bromophenyl-phenylether	10.774	248	137387	38.75	ng		96
68) Hexachlorobenzene	10.845	284	154752	38.56	ng		98
69) Atrazine	10.939	200	98610	38.15	ng		98
70) Pentachlorophenol	11.057	266	44698	33.46	ng		100
71) Phenanthrene	11.257	178	664665	39.50	ng		100
72) Anthracene	11.310	178	695643	39.86	ng		99
73) Carbazole	11.474	167	628685	40.52	ng		100
74) Di-n-butylphthalate	11.792	149	700372	39.23	ng		99
75) Fluoranthene	12.451	202	727820	40.34	ng		98
77) Benzidine	12.580	184	241261	32.28	ng		99
78) Pyrene	12.680	202	733265	39.69	ng		99
80) Butylbenzylphthalate	13.292	149	290136	39.60	ng		95
81) Benzo(a)anthracene	13.874	228	638807	40.21	ng		99
82) 3,3'-Dichlorobenzidine	13.833	252	229022	38.86	ng		99
83) Chrysene	13.910	228	613806	39.35	ng		99
84) Bis(2-ethylhexyl)phtha...	13.845	149	392264	39.43	ng		99
85) Di-n-octyl phthalate	14.457	149	629600	39.13	ng		99
87) Indeno(1,2,3-cd)pyrene	16.727	276	507627	40.23	ng		98
88) Benzo(b)fluoranthene	14.904	252	581019	44.23	ng		99
89) Benzo(k)fluoranthene	14.933	252	516005	41.35	ng		100
90) Benzo(a)pyrene	15.257	252	479137	42.23	ng		98
91) Dibenzo(a,h)anthracene	16.727	278	411881	39.64	ng		99
92) Benzo(g,h,i)perylene	17.151	276	417324	40.14	ng		98

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

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