Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122265.D
Acq On : 4 Nov 2020 16:06
Operator : JU/CG
Sample : L4600-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRT-17MS

Manual Integrations APPROVED
mohammad
11/5/2020 3:59:25 PM

Quant Time: Nov 04 16:31:17 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	84516	20.00	ng		0.00
21) Naphthalene-d8	7.992	136	328688	20.00	ng		0.00
39) Acenaphthene-d10	9.745	164	158513	20.00	ng		0.00
64) Phenanthrene-d10	11.233	188	251347	20.00	ng		0.00
76) Chrysene-d12	13.886	240	188256	20.00	ng		0.00
86) Perylene-d12	15.327	264	187382	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	685256	119.67	ng		0.02
7) Phenol-d6	6.381	99	781377	106.00	ng		0.01
23) Nitrobenzene-d5	7.286	82	577556	90.12	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	234787	119.74	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	968663	89.91	ng		0.00
79) Terphenyl-d14	12.816	244	808632	81.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.551	88	90875	36.08	ng	#	82
3) Pyridine	3.299	79	143834	21.72	ng		97
4) n-Nitrosodimethylamine	3.187	42	134963	42.17	ng		92
6) Aniline	6.392	93	64863m	7.15	ng		
8) 2-Chlorophenol	6.516	128	254042	43.89	ng		95
9) Benzaldehyde	6.281	77	66753	12.76	ng		99
10) Phenol	6.392	94	313094	41.16	ng		94
11) bis(2-Chloroethyl)ether	6.451	93	258163	43.90	ng		98
12) 1,3-Dichlorobenzene	6.651	146	266934	41.00	ng		98
13) 1,4-Dichlorobenzene	6.728	146	274837	42.05	ng		98
14) 1,2-Dichlorobenzene	6.881	146	256234	42.88	ng		98
15) Benzyl Alcohol	6.881	79	223314	46.84	ng		99
16) 2,2'-oxybis(1-Chloropr...	6.987	45	400292	44.23	ng		98
17) 2-Methylphenol	6.998	107	203706	41.16	ng	#	92
18) Hexachloroethane	7.210	117	97615	41.34	ng		97
19) n-Nitroso-di-n-propyla...	7.139	70	197142	46.97	ng		99
20) 3+4-Methylphenols	7.163	107	262737	44.03	ng	#	58
22) Acetophenone	7.134	105	367011	43.40	ng	#	88
24) Nitrobenzene	7.304	77	292935	42.76	ng		98
25) Isophorone	7.545	82	508774	41.98	ng		99
26) 2-Nitrophenol	7.622	139	132521	42.01	ng		92
27) 2,4-Dimethylphenol	7.669	122	220604	41.02	ng		96
28) bis(2-Chloroethoxy)met...	7.751	93	324460	42.79	ng		99
29) 2,4-Dichlorophenol	7.881	162	211700	42.04	ng		99
30) 1,2,4-Trichlorobenzene	7.939	180	220642	41.20	ng		99
31) Naphthalene	8.016	128	725011	41.18	ng		99
32) Benzoic acid	7.851	122	75303	28.26	ng		94
33) 4-Chloroaniline	8.092	127	56887	7.58	ng		96
34) Hexachlorobutadiene	8.122	225	136569	43.01	ng		100
35) Caprolactam	8.475	113	52016	32.52	ng		97
36) 4-Chloro-3-methylphenol	8.586	107	234132	43.29	ng		99
37) 2-Methylnaphthalene	8.704	142	471848	41.38	ng		97
38) 1-Methylnaphthalene	8.804	142	435933	41.28	ng		100
40) 1,2,4,5-Tetrachloroben...	8.875	216	226288	44.23	ng		99
41) Hexachlorocyclopentadiene	8.851	237	3689	12.44	ng		98
43) 2,4,6-Trichlorophenol	9.004	196	138784	43.97	ng		99

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44) 2,4,5-Trichlorophenol	9.063	196	130108	38.17	ng		96
46) 1,1'-Biphenyl	9.169	154	570020	44.23	ng		99
47) 2-Chloronaphthalene	9.198	162	437053	43.60	ng		100
48) 2-Nitroaniline	9.316	65	153722	46.50	ng		99
49) Acenaphthylene	9.610	152	646459	41.99	ng		99
50) Dimethylphthalate	9.480	163	577519	49.83	ng		99
51) 2,6-Dinitrotoluene	9.551	165	109467	43.05	ng	#	86
52) Acenaphthene	9.780	154	393303	42.95	ng		100
53) 3-Nitroaniline	9.733	138	28006	9.68	ng	#	96
54) 2,4-Dinitrophenol	9.875	184	37511	34.46	ng	#	78
55) Dibenzofuran	9.957	168	575648	42.99	ng		94
56) 4-Nitrophenol	9.945	139	56109m	35.67	ng		
57) 2,4-Dinitrotoluene	9.969	165	140508	44.89	ng		97
58) Fluorene	10.298	166	456220	42.29	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.092	232	121711	46.15	ng		96
60) Diethylphthalate	10.169	149	524592	46.94	ng		98
61) 4-Chlorophenyl-phenyle...	10.286	204	232290	44.90	ng		98
62) 4-Nitroaniline	10.351	138	84859	29.37	ng		91
63) Azobenzene	10.445	77	511848	43.30	ng		97
65) 4,6-Dinitro-2-methylph...	10.386	198	29390	20.27	ng	#	77
66) n-Nitrosodiphenylamine	10.410	169	420162	48.53	ng		99
67) 4-Bromophenyl-phenylether	10.775	248	139709	48.11	ng		96
68) Hexachlorobenzene	10.851	284	148802	45.27	ng	#	91
69) Atrazine	10.945	200	112722	53.24	ng		97
70) Pentachlorophenol	11.063	266	92434	72.37	ng		98
71) Phenanthrene	11.263	178	597637	43.36	ng		99
72) Anthracene	11.316	178	613449	42.92	ng		99
73) Carbazole	11.480	167	536405	42.21	ng		99
74) Di-n-butylphthalate	11.792	149	735330	50.29	ng		99
75) Fluoranthene	12.451	202	575122	38.92	ng		99
77) Benzidine	12.586	184	170017	29.29	ng		98
78) Pyrene	12.680	202	580021	40.43	ng		99
80) Butylbenzylphthalate	13.286	149	260928	45.86	ng		96
81) Benzo(a)anthracene	13.874	228	541726	43.91	ng		100
82) 3,3'-Dichlorobenzidine	13.839	252	149660	32.70	ng		99
83) Chrysene	13.910	228	530063	43.77	ng		99
84) Bis(2-ethylhexyl)phtha...	13.845	149	375247	48.58	ng		100
85) Di-n-octyl phthalate	14.457	149	654647	52.40	ng		99
87) Indeno(1,2,3-cd)pyrene	16.756	276	463636	38.11	ng		97
88) Benzo(b)fluoranthene	14.915	252	530938	41.92	ng		99
89) Benzo(k)fluoranthene	14.945	252	547707	45.52	ng		99
90) Benzo(a)pyrene	15.268	252	470426	43.00	ng		99
91) Dibenzo(a,h)anthracene	16.751	278	399485	39.88	ng		97
92) Benzo(g,h,i)perylene	17.186	276	346938	34.60	ng		97

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

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