Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
Data File : BF122222.D
Acq On : 2 Nov 2020 13:09
Operator : JU/CG
Sample : L4217-11MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-102820MS

Manual Integrations APPROVED
mohammad
11/3/2020 10:02:00 AM

Quant Time: Nov 02 14:10:12 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	83132	20.00	ng		0.00
21) Naphthalene-d8	7.992	136	328394	20.00	ng		0.00
39) Acenaphthene-d10	9.745	164	171417	20.00	ng		0.00
64) Phenanthrene-d10	11.233	188	335250	20.00	ng		0.00
76) Chrysene-d12	13.886	240	278173	20.00	ng		0.00
86) Perylene-d12	15.321	264	248503	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	693683	123.16	ng		0.02
7) Phenol-d6	6.375	99	789433	108.88	ng		0.00
23) Nitrobenzene-d5	7.286	82	610549	95.35	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	311386	146.85	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	1025258	88.00	ng		0.00
79) Terphenyl-d14	12.821	244	1246995	85.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.510	88	92764	37.45	ng	#	84
3) Pyridine	3.246	79	224043	34.40	ng		99
4) n-Nitrosodimethylamine	3.146	42	148037	47.02	ng		92
6) Aniline	6.381	93	271621	30.42	ng	#	41
8) 2-Chlorophenol	6.510	128	280699	49.31	ng		98
9) Benzaldehyde	6.275	77	46125	8.37	ng		93
10) Phenol	6.386	94	315212	42.13	ng		89
11) bis(2-Chloroethyl)ether	6.451	93	292869	50.63	ng		97
12) 1,3-Dichlorobenzene	6.645	146	289347	45.18	ng		99
13) 1,4-Dichlorobenzene	6.728	146	298131	46.37	ng		98
14) 1,2-Dichlorobenzene	6.881	146	278808	47.44	ng		99
15) Benzyl Alcohol	6.875	79	253816	54.12	ng		99
16) 2,2'-oxybis(1-Chloropr...	6.986	45	427359	48.01	ng		55
17) 2-Methylphenol	6.992	107	227417	46.72	ng	#	86
18) Hexachloroethane	7.210	117	110702	47.67	ng		99
19) n-Nitroso-di-n-propyla...	7.134	70	218448	52.91	ng		97
20) 3+4-Methylphenols	7.151	107	309974	52.81	ng	#	61
22) Acetophenone	7.128	105	411424	48.69	ng	#	90
24) Nitrobenzene	7.304	77	325481	47.55	ng		99
25) Isophorone	7.545	82	577786	47.72	ng		98
26) 2-Nitrophenol	7.622	139	154283	48.95	ng		97
27) 2,4-Dimethylphenol	7.669	122	253294	47.14	ng		98
28) bis(2-Chloroethoxy)met...	7.751	93	359176	47.41	ng		100
29) 2,4-Dichlorophenol	7.875	162	244120	48.52	ng		98
30) 1,2,4-Trichlorobenzene	7.939	180	243285	45.47	ng		98
31) Naphthalene	8.016	128	814490	46.30	ng		100
32) Benzoic acid	7.851	122	130317	43.33	ng		96
33) 4-Chloroaniline	8.081	127	215634	28.78	ng		98
34) Hexachlorobutadiene	8.128	225	149264	47.05	ng		98
35) Caprolactam	8.475	113	62652m	39.21	ng		
36) 4-Chloro-3-methylphenol	8.580	107	273692	50.65	ng		97
37) 2-Methylnaphthalene	8.704	142	534708	46.93	ng		97
38) 1-Methylnaphthalene	8.804	142	499067	47.30	ng		98
40) 1,2,4,5-Tetrachloroben...	8.875	216	257926	46.62	ng		100
41) Hexachlorocyclopentadiene	8.851	237	86178	58.89	ng		98
43) 2,4,6-Trichlorophenol	8.998	196	171300	50.18	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	168013	45.57	ng		98
46) 1,1'-Biphenyl	9.169	154	657397	47.17	ng		99
47) 2-Chloronaphthalene	9.198	162	508466	46.91	ng		100
48) 2-Nitroaniline	9.310	65	187985	52.58	ng		97
49) Acenaphthylene	9.610	152	781834	46.96	ng		100
50) Dimethylphthalate	9.475	163	667127	53.22	ng		99
51) 2,6-Dinitrotoluene	9.551	165	137614	50.05	ng		96
52) Acenaphthene	9.780	154	478300	48.30	ng		99
53) 3-Nitroaniline	9.727	138	115141	36.82	ng		100
54) 2,4-Dinitrophenol	9.851	184	140364	97.86	ng	#	87
55) Dibenzofuran	9.957	168	711217	49.11	ng		96
56) 4-Nitrophenol	9.927	139	76288m	44.85	ng		
57) 2,4-Dinitrotoluene	9.963	165	187834	55.49	ng		93
58) Fluorene	10.298	166	584402	50.09	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	162064	56.82	ng		95
60) Diethylphthalate	10.175	149	638453	52.82	ng		99
61) 4-Chlorophenyl-phenyle...	10.286	204	285866	51.09	ng		96
62) 4-Nitroaniline	10.351	138	146690	46.95	ng		94
63) Azobenzene	10.445	77	657298	51.42	ng		97
65) 4,6-Dinitro-2-methylph...	10.380	198	107687	47.94	ng		93
66) n-Nitrosodiphenylamine	10.410	169	549012	47.54	ng		99
67) 4-Bromophenyl-phenylether	10.774	248	190194	49.11	ng		97
68) Hexachlorobenzene	10.851	284	211863	48.33	ng	#	90
69) Atrazine	10.945	200	143352	50.77	ng		98
70) Pentachlorophenol	11.057	266	164923	94.12	ng		99
71) Phenanthrene	11.263	178	881706	47.97	ng		100
72) Anthracene	11.316	178	918749	48.19	ng		99
73) Carbazole	11.474	167	843160	49.74	ng		99
74) Di-n-butylphthalate	11.792	149	1005374	51.55	ng		99
75) Fluoranthene	12.451	202	979288	49.69	ng		99
77) Benzidine	12.580	184	344448	40.16	ng		100
78) Pyrene	12.680	202	998326	47.09	ng		99
80) Butylbenzylphthalate	13.292	149	441666	52.54	ng		97
81) Benzo(a)anthracene	13.874	228	899903	49.37	ng		99
82) 3,3'-Dichlorobenzidine	13.833	252	237613	35.14	ng		98
83) Chrysene	13.915	228	876872	49.00	ng		100
84) Bis(2-ethylhexyl)phtha...	13.845	149	603023	52.84	ng		99
85) Di-n-octyl phthalate	14.457	149	1004800	54.43	ng		100
87) Indeno(1,2,3-cd)pyrene	16.745	276	729973	45.24	ng		97
88) Benzo(b)fluoranthene	14.915	252	832222	49.54	ng		98
89) Benzo(k)fluoranthene	14.939	252	757231	47.46	ng		99
90) Benzo(a)pyrene	15.268	252	700894	48.31	ng		99
91) Dibenzo(a,h)anthracene	16.745	278	608676	45.82	ng		98
92) Benzo(g,h,i)perylene	17.168	276	605270	45.52	ng		96

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

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