Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122263.D
Acq On : 4 Nov 2020 15:04
Operator : JU/CG
Sample : L4619-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-COMPMSD

Manual Integrations APPROVED
mohammad
11/5/2020 3:59:20 PM

Quant Time: Nov 04 15:37:41 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	80433	20.00	ng		0.00
21) Naphthalene-d8	7.992	136	319415	20.00	ng		0.00
39) Acenaphthene-d10	9.745	164	151854	20.00	ng		0.00
64) Phenanthrene-d10	11.233	188	246918	20.00	ng		0.00
76) Chrysene-d12	13.886	240	196803	20.00	ng		0.00
86) Perylene-d12	15.327	264	200566	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	638163	117.10	ng		0.01
7) Phenol-d6	6.381	99	743042	105.92	ng		0.01
23) Nitrobenzene-d5	7.286	82	505771	81.21	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	195566	104.11	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	803389	77.84	ng		0.00
79) Terphenyl-d14	12.816	244	682626	66.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.410	88	92720	38.68	ng		98
3) Pyridine	3.146	79	260001	41.26	ng		97
4) n-Nitrosodimethylamine	3.104	42	139850	45.91	ng		92
6) Aniline	6.381	93	246261	28.51	ng	#	65
8) 2-Chlorophenol	6.510	128	268628	48.77	ng		98
9) Benzaldehyde	6.275	77	71357	14.66	ng		98
10) Phenol	6.392	94	384865	53.16	ng		95
11) bis(2-Chloroethyl)ether	6.451	93	272700	48.72	ng		99
12) 1,3-Dichlorobenzene	6.645	146	291433	47.04	ng		99
13) 1,4-Dichlorobenzene	6.728	146	297423	47.81	ng		98
14) 1,2-Dichlorobenzene	6.881	146	271181	47.69	ng		98
15) Benzyl Alcohol	6.875	79	232815	51.31	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.987	45	421597	48.95	ng		87
17) 2-Methylphenol	6.998	107	218121	46.31	ng	#	94
18) Hexachloroethane	7.210	117	106269	47.29	ng		100
19) n-Nitroso-di-n-propyla...	7.139	70	204795	51.27	ng		99
20) 3+4-Methylphenols	7.157	107	294004	51.77	ng	#	59
22) Acetophenone	7.134	105	379854	46.22	ng	#	88
24) Nitrobenzene	7.304	77	304679	45.77	ng		99
25) Isophorone	7.545	82	527297	44.77	ng		99
26) 2-Nitrophenol	7.622	139	138607	45.21	ng		90
27) 2,4-Dimethylphenol	7.669	122	233969	44.77	ng		97
28) bis(2-Chloroethoxy)met...	7.751	93	336713	45.70	ng		99
29) 2,4-Dichlorophenol	7.881	162	225012	45.98	ng		97
30) 1,2,4-Trichlorobenzene	7.939	180	232675	44.71	ng		99
31) Naphthalene	8.016	128	772955	45.17	ng		99
32) Benzoic acid	7.851	122	99136	35.56	ng		94
33) 4-Chloroaniline	8.086	127	141066	19.35	ng		98
34) Hexachlorobutadiene	8.128	225	146031	47.33	ng		99
35) Caprolactam	8.475	113	71010	45.69	ng		91
36) 4-Chloro-3-methylphenol	8.586	107	247792	47.14	ng		98
37) 2-Methylnaphthalene	8.710	142	491894	44.39	ng		97
38) 1-Methylnaphthalene	8.804	142	455291	44.36	ng		100
40) 1,2,4,5-Tetrachloroben...	8.875	216	233817	47.71	ng		99
41) Hexachlorocyclopentadiene	8.851	237	8856	17.64	ng		97
43) 2,4,6-Trichlorophenol	9.004	196	146387	48.41	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	138731	42.48	ng		97
46) 1,1'-Biphenyl	9.169	154	587267	47.56	ng		99
47) 2-Chloronaphthalene	9.198	162	447667	46.62	ng		99
48) 2-Nitroaniline	9.316	65	160550	50.69	ng		100
49) Acenaphthylene	9.610	152	699956	47.46	ng		99
50) Dimethylphthalate	9.480	163	615658	55.44	ng		99
51) 2,6-Dinitrotoluene	9.551	165	115972	47.61	ng	#	81
52) Acenaphthene	9.780	154	405658	46.24	ng		99
53) 3-Nitroaniline	9.733	138	70731	25.53	ng		99
54) 2,4-Dinitrophenol	9.869	184	37492	35.57	ng	#	83
55) Dibenzofuran	9.957	168	592737	46.20	ng		94
56) 4-Nitrophenol	9.945	139	61627m	40.90	ng		
57) 2,4-Dinitrotoluene	9.969	165	149582	49.88	ng		99
58) Fluorene	10.298	166	482124	46.65	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.092	232	124080	49.11	ng		97
60) Diethylphthalate	10.175	149	544135	50.82	ng		99
61) 4-Chlorophenyl-phenyle...	10.286	204	238833	48.18	ng		94
62) 4-Nitroaniline	10.351	138	98913	35.74	ng		90
63) Azobenzene	10.445	77	539153	47.61	ng		96
65) 4,6-Dinitro-2-methylph...	10.386	198	38758	25.70	ng		87
66) n-Nitrosodiphenylamine	10.410	169	437581	51.45	ng		99
67) 4-Bromophenyl-phenylether	10.774	248	148009	51.88	ng		94
68) Hexachlorobenzene	10.851	284	156743	48.54	ng		95
69) Atrazine	10.945	200	118219	56.84	ng		98
70) Pentachlorophenol	11.063	266	95468	75.68	ng		99
71) Phenanthrene	11.263	178	660751	48.80	ng		100
72) Anthracene	11.316	178	689371	49.09	ng		98
73) Carbazole	11.480	167	580891	46.53	ng		100
74) Di-n-butylphthalate	11.792	149	782624	54.48	ng		99
75) Fluoranthene	12.451	202	709809	48.90	ng		98
77) Benzidine	12.586	184	413938	68.22	ng		99
78) Pyrene	12.680	202	728278	48.56	ng		99
80) Butylbenzylphthalate	13.292	149	299636	50.38	ng		94
81) Benzo(a)anthracene	13.880	228	670528	51.99	ng		99
82) 3,3'-Dichlorobenzidine	13.839	252	207484	43.37	ng		99
83) Chrysene	13.915	228	650180	51.35	ng		99
84) Bis(2-ethylhexyl)phtha...	13.845	149	420638	52.10	ng		100
85) Di-n-octyl phthalate	14.457	149	758299	58.06	ng		99
87) Indeno(1,2,3-cd)pyrene	16.756	276	582276	44.71	ng		97
88) Benzo(b)fluoranthene	14.915	252	742874	54.79	ng		99
89) Benzo(k)fluoranthene	14.945	252	570613	44.31	ng		100
90) Benzo(a)pyrene	15.274	252	607153	51.85	ng		99
91) Dibenzo(a,h)anthracene	16.751	278	465322	43.40	ng		98
92) Benzo(g,h,i)perylene	17.180	276	465029	43.33	ng		97

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

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