Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100120\
Data File : BF121781.D
Acq On : 1 Oct 2020 22:21
Operator : JU/CG
Sample : L4179-09MS 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MS

Manual Integrations APPROVED
mohammad
10/2/2020 12:14:00 PM

Quant Time: Oct 02 01:32:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	137759	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	480848	20.00	ng		0.00
39) Acenaphthene-d10	9.81	164	210700	20.00	ng		0.00
64) Phenanthrene-d10	11.30	188	345416	20.00	ng		0.00
76) Chrysene-d12	13.94	240	324067	20.00	ng		0.00
86) Perylene-d12	15.39	264	264526	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	337392	36.40	ng		0.00
7) Phenol-d6	6.42	99	412010	33.88	ng		0.00
23) Nitrobenzene-d5	7.33	82	262578	29.32	ng		0.00
42) 2,4,6-Tribromophenol	10.60	330	81114	30.97	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	448992	32.27	ng		0.00
79) Terphenyl-d14	12.88	244	396194	24.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	47140	11.069	ng		99
3) Pyridine	3.23	79	123354	10.478	ng		99
4) n-Nitrosodimethylamine	3.15	42	68223	12.493	ng		97
6) Aniline	6.43	93	152002	9.597	ng	#	68
8) 2-Chlorophenol	6.56	128	127473	13.507	ng		94
9) Benzaldehyde	6.32	77	38345	4.823	ng		99
10) Phenol	6.43	94	169491	13.088	ng		91
11) bis(2-Chloroethyl)ether	6.50	93	134583	13.789	ng		97
12) 1,3-Dichlorobenzene	6.72	146	140724	13.359	ng		94
13) 1,4-Dichlorobenzene	6.79	146	142876	13.508	ng		98
14) 1,2-Dichlorobenzene	6.95	146	136512	14.010	ng		99
15) Benzyl Alcohol	6.92	79	107259	12.976	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	204904	13.046	ng		94
17) 2-Methylphenol	7.04	107	103261	12.859	ng		97
18) Hexachloroethane	7.29	117	36135	9.541	ng		92
19) n-Nitroso-di-n-propylamine	7.18	70	95472	13.622	ng		98
20) 3+4-Methylphenols	7.19	107	135090	14.001	ng	#	63
22) Acetophenone	7.18	105	182446	14.955	ng	#	89
24) Nitrobenzene	7.36	77	131376	13.563	ng		94
25) Isophorone	7.59	82	238810	13.247	ng		99
26) 2-Nitrophenol	7.67	139	50124	12.966	ng		100
27) 2,4-Dimethylphenol	7.72	122	106889	13.283	ng		97
28) bis(2-Chloroethoxy)methane	7.80	93	156735	14.044	ng		100
29) 2,4-Dichlorophenol	7.92	162	93763	12.793	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	104050	13.479	ng		98
31) Naphthalene	8.08	128	348198	13.718	ng		100
32) Benzoic acid	7.82	122	39689	12.591	ng		96
33) 4-Chloroaniline	8.13	127	111939	10.174	ng		98
34) Hexachlorobutadiene	8.19	225	63646	14.047	ng		99
35) Caprolactam	8.47	113	30204	12.374	ng	#	87
36) 4-Chloro-3-methylphenol	8.62	107	93640	11.860	ng		98
37) 2-Methylnaphthalene	8.77	142	223409	13.430	ng		98
38) 1-Methylnaphthalene	8.87	142	201875	13.040	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	97013	14.740	ng		99

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Quant Time: Oct 02 01:32:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.05	196	59972	13.368	ng		97
44) 2,4,5-Trichlorophenol	9.10	196	62096	13.093	ng		99
46) 1,1'-Biphenyl	9.23	154	251742	14.924	ng		98
47) 2-Chloronaphthalene	9.26	162	187389	14.098	ng		98
48) 2-Nitroaniline	9.36	65	63792	15.444	ng		94
49) Acenaphthylene	9.67	152	280572	13.738	ng		99
50) Dimethylphthalate	9.53	163	277678	18.183	ng		100
51) 2,6-Dinitrotoluene	9.59	165	41165	12.657	ng		97
52) Acenaphthene	9.85	154	163672	12.688	ng		99
53) 3-Nitroaniline	9.76	138	50013	13.275	ng		99
54) 2,4-Dinitrophenol	9.89	184	1423	9.721	ng	#	77
55) Dibenzofuran	10.02	168	244800	13.476	ng		97
56) 4-Nitrophenol	9.94	139	57435	19.116	ng		92
57) 2,4-Dinitrotoluene	10.00	165	47374	11.579	ng		91
58) Fluorene	10.36	166	189974	13.675	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.14	232	42521m	11.029	ng		
60) Diethylphthalate	10.23	149	215047	14.443	ng		98
61) 4-Chlorophenyl-phenylether	10.35	204	93359	14.029	ng		99
62) 4-Nitroaniline	10.37	138	50578	13.521	ng		97
63) Azobenzene	10.51	77	194645	12.276	ng		98
65) 4,6-Dinitro-2-methylphenol	10.42	198	1881	7.613	ng		76
66) n-Nitrosodiphenylamine	10.47	169	175235	14.787	ng		100
67) 4-Bromophenyl-phenylether	10.84	248	55387	14.084	ng		99
68) Hexachlorobenzene	10.91	284	59607	13.431	ng		92
69) Atrazine	10.99	200	36938	12.546	ng		97
70) Pentachlorophenol	11.10	266	47023	19.292	ng		97
71) Phenanthrene	11.32	178	266767	14.175	ng		99
72) Anthracene	11.37	178	270485	13.927	ng		99
73) Carbazole	11.53	167	237772	13.567	ng		99
74) Di-n-butylphthalate	11.86	149	313631	15.505	ng		99
75) Fluoranthene	12.51	202	292009	14.535	ng		97
77) Benzidine	12.63	184	129560	12.059	ng		100
78) Pyrene	12.74	202	304261	12.850	ng		98
80) Butylbenzylphthalate	13.36	149	126306	13.190	ng		93
81) Benzo(a)anthracene	13.93	228	287707	14.033	ng		100
82) 3,3'-Dichlorobenzidine	13.89	252	97234	12.148	ng		99
83) Chrysene	13.96	228	282974	13.630	ng		99
84) Bis(2-ethylhexyl)phthalate	13.92	149	188856	14.763	ng	#	98
85) Di-n-octyl phthalate	14.53	149	328690	14.559	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.82	276	211192	12.260	ng		99
88) Benzo(b)fluoranthene	14.97	252	261046	14.762	ng	#	95
89) Benzo(k)fluoranthene	14.99	252	238417	14.723	ng	#	84
90) Benzo(a)pyrene	15.33	252	212724	14.152	ng		96
91) Dibenzo(a,h)anthracene	16.82	278	182174	12.704	ng		97
92) Benzo(g,h,i)perylene	17.24	276	169410	12.018	ng		98

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

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