Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
Data File : BF121293.D
Acq On : 14 Aug 2020 19:21
Operator : JU/CG
Sample : L3681-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6-4-9FTMS

Manual Integrations APPROVED
mohammad
8/18/2020 1:42:09 PM

Quant Time: Aug 17 03:47:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 13 15:23:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	79391	20.00	ng		-0.02
21) Naphthalene-d8	7.99	136	313957	20.00	ng		-0.01
39) Acenaphthene-d10	9.75	164	165428	20.00	ng		-0.01
64) Phenanthrene-d10	11.23	188	326632	20.00	ng		-0.01
76) Chrysene-d12	13.86	240	282795	20.00	ng		-0.01
86) Perylene-d12	15.27	264	268674	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	523282	99.93	ng		0.00
7) Phenol-d6	6.35	99	632464	93.72	ng		-0.01
23) Nitrobenzene-d5	7.27	82	408020	71.03	ng		-0.02
42) 2,4,6-Tribromophenol	10.53	330	199249	97.83	ng		-0.01
45) 2-Fluorobiphenyl	9.07	172	771880	64.54	ng		-0.01
79) Terphenyl-d14	12.81	244	867949	59.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	93820	42.100	ng		99
3) Pyridine	3.01	79	222475	38.350	ng		100
4) n-Nitrosodimethylamine	2.95	42	111189	46.800	ng		99
6) Aniline	6.36	93	266540	33.319	ng	#	79
8) 2-Chlorophenol	6.49	128	248660	43.183	ng		99
9) Benzaldehyde	6.25	77	151305	43.509	ng		98
10) Phenol	6.36	94	308295	42.115	ng		96
11) bis(2-Chloroethyl)ether	6.44	93	231921	43.891	ng		96
12) 1,3-Dichlorobenzene	6.65	146	251272	41.298	ng		99
13) 1,4-Dichlorobenzene	6.72	146	260741	42.399	ng		99
14) 1,2-Dichlorobenzene	6.87	146	246459	42.464	ng		100
15) Benzyl Alcohol	6.85	79	192645	42.617	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	327859	43.090	ng		98
17) 2-Methylphenol	6.97	107	193881	42.625	ng		98
18) Hexachloroethane	7.22	117	92720	42.635	ng		98
19) n-Nitroso-di-n-propylamine	7.12	70	151450	40.393	ng		97
20) 3+4-Methylphenols	7.12	107	238377	41.307	ng		94
22) Acetophenone	7.12	105	323873	40.052	ng		100
24) Nitrobenzene	7.29	77	249090	39.961	ng		100
25) Isophorone	7.53	82	451837	39.176	ng		99
26) 2-Nitrophenol	7.61	139	129086	42.741	ng		100
27) 2,4-Dimethylphenol	7.65	122	216382	44.716	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	287445	44.558	ng		99
29) 2,4-Dichlorophenol	7.85	162	203200	41.064	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	216973	39.727	ng		100
31) Naphthalene	8.01	128	689888	39.058	ng		100
32) Benzoic acid	7.77	122	113437	43.158	ng		99
33) 4-Chloroaniline	8.06	127	182669	25.342	ng		98
34) Hexachlorobutadiene	8.13	225	125312	37.922	ng		98
35) Caprolactam	8.43	113	67511m	45.295	ng		
36) 4-Chloro-3-methylphenol	8.55	107	206598	40.922	ng		100
37) 2-Methylnaphthalene	8.70	142	461987	39.747	ng		99
38) 1-Methylnaphthalene	8.80	142	437956	39.795	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	217054	39.158	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	159478	71.405	ng	99
43) 2,4,6-Trichlorophenol	8.99	196	145672	41.323	ng	99
44) 2,4,5-Trichlorophenol	9.03	196	159266	41.595	ng	97
46) 1,1'-Biphenyl	9.17	154	572404	40.045	ng	99
47) 2-Chloronaphthalene	9.19	162	430464	39.122	ng	99
48) 2-Nitroaniline	9.29	65	135267	43.736	ng	95
49) Acenaphthylene	9.60	152	703240	40.240	ng	99
50) Dimethylphthalate	9.47	163	575271	46.213	ng	99
51) 2,6-Dinitrotoluene	9.53	165	114534	41.275	ng	98
52) Acenaphthene	9.78	154	406537	39.290	ng	99
53) 3-Nitroaniline	9.70	138	83397	26.322	ng	95
54) 2,4-Dinitrophenol	9.82	184	81695	61.009	ng	96
55) Dibenzofuran	9.95	168	623776	37.856	ng	99
56) 4-Nitrophenol	9.87	139	190418	93.129	ng	100
57) 2,4-Dinitrotoluene	9.94	165	151233	41.529	ng	98
58) Fluorene	10.29	166	469765	37.663	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	135193	44.656	ng	96
60) Diethylphthalate	10.17	149	510415	40.322	ng	99
61) 4-Chlorophenyl-phenylether	10.29	204	232668	38.354	ng	99
62) 4-Nitroaniline	10.32	138	116636	36.717	ng	99
63) Azobenzene	10.45	77	492334	38.925	ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	64338	33.797	ng	99
66) n-Nitrosodiphenylamine	10.40	169	439629	39.253	ng	99
67) 4-Bromophenyl-phenylether	10.77	248	151154	39.672	ng	98
68) Hexachlorobenzene	10.84	284	170818	39.317	ng	99
69) Atrazine	10.93	200	122518	36.573	ng	98
70) Pentachlorophenol	11.04	266	190096	96.824	ng	99
71) Phenanthrene	11.25	178	740936	39.651	ng	100
72) Anthracene	11.30	178	764594	40.774	ng	100
73) Carbazole	11.46	167	707713	38.590	ng	100
74) Di-n-butylphthalate	11.79	149	866982	41.883	ng	100
75) Fluoranthene	12.44	202	868331	41.732	ng	99
77) Benzidine	12.56	184	496738	66.817	ng	99
78) Pyrene	12.66	202	895265	42.512	ng	99
80) Butylbenzylphthalate	13.29	149	389017	45.223	ng	99
81) Benzo(a)anthracene	13.85	228	749502	39.076	ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	253946	33.370	ng	97
83) Chrysene	13.89	228	788368	40.258	ng	100
84) Bis(2-ethylhexyl)phthalate	13.85	149	486934	41.069	ng	98
85) Di-n-octyl phthalate	14.46	149	974402	44.823	ng	99
87) Indeno(1,2,3-cd)pyrene	16.64	276	755092	37.801	ng	99
88) Benzo(b)fluoranthene	14.87	252	752308	41.790	ng	99
89) Benzo(k)fluoranthene	14.90	252	721185	43.140	ng	99
90) Benzo(a)pyrene	15.22	252	653706	40.232	ng	100
91) Dibenzo(a,h)anthracene	16.66	278	624304	36.474	ng	99
92) Benzo(g,h,i)perylene	17.05	276	646825	38.294	ng	98

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

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