Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120566.D
Acq On : 5 Jun 2020 18:20
Operator : JU/CG
Sample : L2893-01MSD 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2AMSD

Manual Integrations APPROVED
mohammad
6/8/2020 12:51:19 PM

Quant Time: Jun 06 01:09:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:36:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	218826	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	780520	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	363999	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	612841	20.00	ng		0.01
76) Chrysene-d12	13.99	240	407947	20.00	ng		0.01
86) Perylene-d12	15.45	264	365134	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	450021	39.19	ng		0.00
7) Phenol-d6	6.46	99	558467	39.46	ng		0.00
23) Nitrobenzene-d5	7.38	82	333567	27.96	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	122652	36.37	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	607478	28.32	ng		0.00
79) Terphenyl-d14	12.93	244	524797	28.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	56956	10.013	ng		99
3) Pyridine	3.29	79	124454	7.900	ng		98
4) n-Nitrosodimethylamine	3.20	42	75055	11.259	ng	#	96
6) Aniline	6.48	93	197233	9.995	ng		98
8) 2-Chlorophenol	6.60	128	162769	12.572	ng		99
9) Benzaldehyde	6.37	77	91354	10.591	ng		98
10) Phenol	6.47	94	213345	13.785	ng		100
11) bis(2-Chloroethyl)ether	6.55	93	156989	12.138	ng		99
12) 1,3-Dichlorobenzene	6.76	146	166098	11.677	ng		98
13) 1,4-Dichlorobenzene	6.84	146	165641	11.672	ng		99
14) 1,2-Dichlorobenzene	6.99	146	158723	12.109	ng		97
15) Benzyl Alcohol	6.96	79	136454	12.790	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	222118	10.894	ng		94
17) 2-Methylphenol	7.08	107	129108	11.152	ng		98
18) Hexachloroethane	7.33	117	45230	8.707	ng		95
19) n-Nitroso-di-n-propylamine	7.23	70	126733	14.087	ng		98
20) 3+4-Methylphenols	7.23	107	165826	11.338	ng	#	82
22) Acetophenone	7.23	105	258206	16.289	ng	#	93
24) Nitrobenzene	7.40	77	176964	13.768	ng	#	91
25) Isophorone	7.64	82	338460	14.113	ng	#	91
26) 2-Nitrophenol	7.72	139	70555	12.175	ng	#	81
27) 2,4-Dimethylphenol	7.76	122	150343	14.939	ng		94
28) bis(2-Chloroethoxy)methane	7.85	93	188253	13.035	ng	#	90
29) 2,4-Dichlorophenol	7.97	162	135171	13.297	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	139484	12.227	ng		99
31) Naphthalene	8.13	128	500802	14.610	ng	#	94
33) 4-Chloroaniline	8.17	127	146472	9.641	ng		96
34) Hexachlorobutadiene	8.25	225	83879	12.405	ng		99
35) Caprolactam	8.53	113	117030	35.549	ng	#	57
36) 4-Chloro-3-methylphenol	8.66	107	139734	13.549	ng		90
37) 2-Methylnaphthalene	8.82	142	303412	13.363	ng		99
38) 1-Methylnaphthalene	8.92	142	1177666m	54.949	ng		
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	129279	13.849	ng	#	94
43) 2,4,6-Trichlorophenol	9.10	196	87046	12.894	ng		96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.15	196	82856	10.827	ng	#	75
46) 1,1'-Biphenyl	9.28	154	343624	14.371	ng		97
47) 2-Chloronaphthalene	9.31	162	249198	12.656	ng		98
48) 2-Nitroaniline	9.40	65	81151	13.531	ng		90
49) Acenaphthylene	9.73	152	410588	13.494	ng	#	88
50) Dimethylphthalate	9.57	163	282443	12.412	ng	#	77
51) 2,6-Dinitrotoluene	9.64	165	61188	12.099	ng	#	50
52) Acenaphthene	9.90	154	290453m	15.295	ng		
53) 3-Nitroaniline	9.81	138	86083	14.496	ng	#	87
54) 2,4-Dinitrophenol	9.93	184	2349	8.655	ng	#	1
55) Dibenzofuran	10.07	168	358287	12.983	ng	#	68
56) 4-Nitrophenol	9.97	139	125642	27.635	ng		84
57) 2,4-Dinitrotoluene	10.05	165	93323	14.419	ng	#	96
58) Fluorene	10.41	166	368820	17.810	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	59430	9.966	ng	#	73
60) Diethylphthalate	10.28	149	300372	13.062	ng		97
61) 4-Chlorophenyl-phenylether	10.40	204	135508	12.069	ng		95
62) 4-Nitroaniline	10.42	138	62473	11.143	ng		93
63) Azobenzene	10.56	77	266476	12.320	ng	#	81
66) n-Nitrosodiphenylamine	10.52	169	527247	30.971	ng	#	84
67) 4-Bromophenyl-phenylether	10.89	248	78709	12.723	ng	#	91
68) Hexachlorobenzene	10.96	284	82482	12.520	ng	#	91
69) Atrazine	11.05	200	70470	14.687	ng		93
70) Pentachlorophenol	11.16	266	72180	17.920	ng		99
71) Phenanthrene	11.37	178	565517	20.942	ng		98
72) Anthracene	11.42	178	406003	14.985	ng		98
73) Carbazole	11.57	167	322231	12.296	ng		95
74) Di-n-butylphthalate	11.91	149	536916	17.613	ng		100
75) Fluoranthene	12.56	202	392341	13.503	ng		98
77) Benzidine	12.68	184	60695	5.663	ng	#	73
78) Pyrene	12.79	202	420272	14.814	ng		98
80) Butylbenzylphthalate	13.40	149	148000	12.496	ng		91
81) Benzo(a)anthracene	13.98	228	300403	13.740	ng		98
82) 3,3'-Dichlorobenzidine	13.94	252	83288	10.493	ng	#	96
83) Chrysene	14.02	228	293790	12.817	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	291788	20.987	ng	#	97
85) Di-n-octyl phthalate	14.58	149	347556	14.447	ng	#	93
87) Indeno(1,2,3-cd)pyrene	16.90	276	247694	12.403	ng		96
88) Benzo(b)fluoranthene	15.03	252	251021	12.377	ng	#	85
89) Benzo(k)fluoranthene	15.05	252	222520	11.753	ng	#	82
90) Benzo(a)pyrene	15.39	252	207767	11.712	ng	#	83
91) Dibenzo(a,h)anthracene	16.91	278	209019	12.838	ng	#	92
92) Benzo(g,h,i)perylene	17.33	276	210265	13.094	ng	#	93

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

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