Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
Data File : BF120897.D
Acq On : 16 Jul 2020 20:55
Operator : JU/CG
Sample : L3315-07MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-16-DMS

Manual Integrations APPROVED
mohammad
7/17/2020 12:30:19 PM

Quant Time: Jul 17 02:26:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	168756	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	646393	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	349971	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	687597	20.00	ng	0.00
76) Chrysene-d12	13.97	240	548850	20.00	ng	0.00
86) Perylene-d12	15.42	264	565003	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	983688	95.56	ng	0.00
7) Phenol-d6	6.45	99	1233291	92.75	ng	0.00
23) Nitrobenzene-d5	7.38	82	759681	68.00	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	380385	99.30	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1412696	60.27	ng	0.00
79) Terphenyl-d14	12.92	244	1557107	61.67	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.57	88	190445	40.198	ng	99
3) Pyridine	3.30	79	518198	41.117	ng	100
4) n-Nitrosodimethylamine	3.25	42	242095	44.922	ng	97
6) Aniline	6.47	93	565576	32.584	ng	99
8) 2-Chlorophenol	6.60	128	528291	46.585	ng	99
9) Benzaldehyde	6.36	77	142815	18.867	ng	98
10) Phenol	6.46	94	648336	44.324	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	487820	43.516	ng	99
12) 1,3-Dichlorobenzene	6.76	146	528376	42.969	ng	98
13) 1,4-Dichlorobenzene	6.83	146	529843	43.332	ng	99
14) 1,2-Dichlorobenzene	6.99	146	513259	44.370	ng	99
15) Benzyl Alcohol	6.96	79	409125	43.507	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	690161	42.713	ng	99
17) 2-Methylphenol	7.07	107	418246	41.612	ng	100
18) Hexachloroethane	7.33	117	195610	44.199	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	322106	42.599	ng	99
20) 3+4-Methylphenols	7.22	107	472482	36.953	ng	95
22) Acetophenone	7.23	105	617020	42.533	ng	99
24) Nitrobenzene	7.40	77	520439	43.225	ng	98
25) Isophorone	7.64	82	967654	43.402	ng	99
26) 2-Nitrophenol	7.72	139	276040	48.273	ng	97
27) 2,4-Dimethylphenol	7.75	122	444899	47.920	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	616262	45.282	ng	100
29) 2,4-Dichlorophenol	7.96	162	431048	45.435	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	456815	43.400	ng	99
31) Naphthalene	8.12	128	1409457	42.509	ng	99
32) Benzoic acid	7.88	122	341816	49.045	ng	96
33) 4-Chloroaniline	8.17	127	328195	22.189	ng	98
34) Hexachlorobutadiene	8.24	225	257771	41.543	ng	98
35) Caprolactam	8.54	113	144527m	47.505	ng	
36) 4-Chloro-3-methylphenol	8.65	107	461280	47.408	ng	99
37) 2-Methylnaphthalene	8.81	142	966770	44.906	ng	99
38) 1-Methylnaphthalene	8.91	142	920114	45.126	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	409256	40.136	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	464133	82.359	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	322744	44.954	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	350360	43.022	ng		97
46) 1,1'-Biphenyl	9.27	154	1150084	43.081	ng		99
47) 2-Chloronaphthalene	9.30	162	889563	40.871	ng		97
48) 2-Nitroaniline	9.40	65	295480	44.922	ng		92
49) Acenaphthylene	9.72	152	1462052	43.240	ng		100
50) Dimethylphthalate	9.58	163	1318493	52.221	ng		98
51) 2,6-Dinitrotoluene	9.64	165	255004	47.011	ng		91
52) Acenaphthene	9.89	154	998636m	46.454	ng		
53) 3-Nitroaniline	9.80	138	177760	26.129	ng		99
54) 2,4-Dinitrophenol	9.91	184	246566	79.058	ng		91
55) Dibenzofuran	10.06	168	1330081	42.786	ng		98
56) 4-Nitrophenol	9.97	139	472497	91.431	ng		99
57) 2,4-Dinitrotoluene	10.04	165	348298	48.896	ng		91
58) Fluorene	10.40	166	931608	40.181	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	299418	48.289	ng		97
60) Diethylphthalate	10.28	149	1136588	44.506	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	453498	36.671	ng		99
62) 4-Nitroaniline	10.42	138	273931	41.336	ng		99
63) Azobenzene	10.56	77	1061025	43.641	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	174739	44.237	ng		88
66) n-Nitrosodiphenylamine	10.52	169	955635	44.180	ng		98
67) 4-Bromophenyl-phenylether	10.89	248	327830	42.763	ng	#	91
68) Hexachlorobenzene	10.95	284	366330	44.175	ng	#	88
69) Atrazine	11.04	200	280871	52.431	ng		98
70) Pentachlorophenol	11.14	266	419357	88.271	ng		99
71) Phenanthrene	11.36	178	1505279	42.566	ng		99
72) Anthracene	11.42	178	1545680	43.528	ng		99
73) Carbazole	11.57	167	1489928	42.279	ng		99
74) Di-n-butylphthalate	11.90	149	1797028	44.189	ng		100
75) Fluoranthene	12.55	202	1704816	43.493	ng		99
77) Benzidine	12.67	184	845956	58.624	ng		100
78) Pyrene	12.78	202	1738022	44.790	ng		99
80) Butylbenzylphthalate	13.40	149	813134	47.007	ng		99
81) Benzo(a)anthracene	13.97	228	1375310	41.381	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	381112	30.394	ng		99
83) Chrysene	14.00	228	1526909	43.717	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	909337	42.630	ng		100
85) Di-n-octyl phthalate	14.57	149	1914585	45.115	ng		99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1575646	40.099	ng		100
88) Benzo(b)fluoranthene	15.00	252	1574193	46.093	ng		100
89) Benzo(k)fluoranthene	15.03	252	1518498	48.753	ng		100
90) Benzo(a)pyrene	15.36	252	1412084	45.318	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	1322637	41.207	ng		99
92) Benzo(g,h,i)perylene	17.29	276	1238603	39.137	ng		98

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

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