Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119266.D
Acq On : 6 Mar 2020 23:07
Operator : CG/JU
Sample : L1761-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Manual Integrations APPROVED
mohammad
3/9/2020 3:09:32 PM

Quant Time: Mar 07 07:08:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	105998	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	404387	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	226523	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	431498	20.00	ng		0.00
76) Chrysene-d12	13.89	240	340246	20.00	ng		0.00
87) Perylene-d12	15.31	264	337776	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	760041	119.83	ng		0.01
7) Phenol-d6	6.38	99	833123	108.00	ng		0.00
23) Nitrobenzene-d5	7.29	82	648568	84.68	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	365170	123.23	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1292746	84.07	ng		0.00
79) Terphenyl-d14	12.83	244	1770619	89.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	104096	36.861	ng		97
3) Pyridine	3.23	79	162279	21.041	ng		97
4) n-Nitrosodimethylamine	3.13	42	102697	43.957	ng		95
6) Aniline	6.40	93	70762	7.434	ng	#	1
8) 2-Chlorophenol	6.52	128	316896	46.296	ng		100
9) Benzaldehyde	6.28	77	245352	47.606	ng		97
10) Phenol	6.40	94	318227	38.156	ng		79
11) bis(2-Chloroethyl)ether	6.46	93	290587	45.537	ng		98
12) 1,3-Dichlorobenzene	6.66	146	342021	41.689	ng		96
13) 1,4-Dichlorobenzene	6.74	146	350141	42.649	ng		99
14) 1,2-Dichlorobenzene	6.89	146	322611	43.087	ng		99
15) Benzyl Alcohol	6.88	79	264391	47.423	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	230123	41.630	ng	#	32
17) 2-Methylphenol	7.00	107	248473	44.773	ng		94
18) Hexachloroethane	7.23	117	123222	41.952	ng		95
19) n-Nitroso-di-n-propylamine	7.15	70	221138	49.198	ng		96
20) 3+4-Methylphenols	7.16	107	328472	48.312	ng	#	86
22) Acetophenone	7.14	105	441899	47.229	ng	#	94
24) Nitrobenzene	7.31	77	335317	44.273	ng		96
25) Isophorone	7.55	82	598340	44.984	ng		99
26) 2-Nitrophenol	7.63	139	175302	43.684	ng		95
27) 2,4-Dimethylphenol	7.67	122	261249	47.968	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	362470	41.867	ng		99
29) 2,4-Dichlorophenol	7.88	162	280067	43.681	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	306855	40.366	ng		98
31) Naphthalene	8.03	128	1021552	48.710	ng		98
32) Benzoic acid	7.83	122	111476	30.827	ng		99
33) 4-Chloroaniline	8.09	127	49200	5.454	ng		96
34) Hexachlorobutadiene	8.15	225	185856	39.250	ng		99
35) Caprolactam	8.46	113	66883m	33.878	ng		
36) 4-Chloro-3-methylphenol	8.59	107	298107	45.941	ng		99
37) 2-Methylnaphthalene	8.72	142	665466	47.151	ng		97
38) 1-Methylnaphthalene	8.82	142	629405	47.419	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	317293	41.545	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	109374	44.117 ng		98
43) 2,4,6-Trichlorophenol	9.01	196	197854	41.023 ng		99
44) 2,4,5-Trichlorophenol	9.06	196	206602	40.822 ng		98
46) 1,1'-Biphenyl	9.18	154	782229	42.727 ng		98
47) 2-Chloronaphthalene	9.21	162	619663	42.002 ng		97
48) 2-Nitroaniline	9.31	65	179956	43.732 ng		93
49) Acenaphthylene	9.62	152	946182	44.405 ng		99
50) Dimethylphthalate	9.49	163	790739	45.650 ng		99
51) 2,6-Dinitrotoluene	9.55	165	170175	44.220 ng	#	81
52) Acenaphthene	9.79	154	575189	44.767 ng		100
53) 3-Nitroaniline	9.73	138	33372	7.822 ng		94
54) 2,4-Dinitrophenol	9.85	184	85113	48.728 ng		93
55) Dibenzofuran	9.97	168	846296	44.130 ng		98
56) 4-Nitrophenol	9.92	139	118247	46.130 ng	#	83
57) 2,4-Dinitrotoluene	9.97	165	219561	44.016 ng		98
58) Fluorene	10.31	166	702072	47.113 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	186286	43.622 ng		97
60) Diethylphthalate	10.19	149	735866	45.080 ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	358325	45.427 ng		95
62) 4-Nitroaniline	10.35	138	135601	31.065 ng		98
63) Azobenzene	10.46	77	660738	46.568 ng		96
65) 4,6-Dinitro-2-methylphenol	10.38	198	100482	38.483 ng		98
66) n-Nitrosodiphenylamine	10.42	169	624259	44.183 ng		99
67) 4-Bromophenyl-phenylether	10.79	248	236064	41.854 ng		96
68) Hexachlorobenzene	10.86	284	275764	42.406 ng		98
69) Atrazine	10.95	200	216411	43.839 ng		97
70) Pentachlorophenol	11.06	266	180459	68.890 ng		97
71) Phenanthrene	11.27	178	1085760	46.140 ng		98
72) Anthracene	11.32	178	1096595	46.639 ng		99
73) Carbazole	11.48	167	977549	46.669 ng		99
74) Di-n-butylphthalate	11.80	149	1178047	46.441 ng		98
75) Fluoranthene	12.46	202	1165643	46.666 ng		99
77) Benzidine	12.58	184	146184	10.564 ng		99
78) Pyrene	12.69	202	1171637	42.884 ng		99
80) Butylbenzylphthalate	13.30	149	512398	44.561 ng		99
81) Benzo(a)anthracene	13.87	228	1047142	45.168 ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	119274	13.250 ng		99
83) Chrysene	13.91	228	1019633	44.140 ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	708850	48.795 ng		99
85) Di-n-octyl phthalate	14.46	149	1159830	50.109 ng		99
86) Indeno(1,2,3-cd)pyrene	16.72	276	1013940	45.331 ng		100
88) Benzo(b)fluoranthene	14.90	252	944753	42.433 ng		100
89) Benzo(k)fluoranthene	14.93	252	980163	47.505 ng		99
90) Benzo(a)pyrene	15.26	252	860969	42.847 ng		97
91) Dibenzo(a,h)anthracene	16.72	278	855044	48.361 ng		99
92) Benzo(g,h,i)perylene	17.14	276	855779	48.988 ng		99

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

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