Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121040.D
Acq On : 27 Jul 2020 19:18
Operator : JU/CG
Sample : L3382-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-020MS

Manual Integrations APPROVED
mohammad
7/28/2020 11:43:35 AM

Quant Time: Jul 28 03:00:51 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	167532	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	662335	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	350408	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	675461	20.00	ng		0.00
76) Chrysene-d12	13.97	240	493676	20.00	ng		0.00
86) Perylene-d12	15.42	264	460997	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1100875	107.72	ng		0.02
7) Phenol-d6	6.45	99	1389438	105.25	ng		0.00
23) Nitrobenzene-d5	7.38	82	881596	77.02	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	437355	114.03	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1629218	69.42	ng		0.00
79) Terphenyl-d14	12.92	244	1666300	73.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	186957	39.750	ng		98
3) Pyridine	3.34	79	435990	34.847	ng		99
4) n-Nitrosodimethylamine	3.29	42	220782	41.267	ng		94
6) Aniline	6.47	93	503942	29.245	ng		98
8) 2-Chlorophenol	6.60	128	505420	44.894	ng		99
9) Benzaldehyde	6.36	77	342952	61.944	ng		100
10) Phenol	6.46	94	589660	40.607	ng		93
11) bis(2-Chloroethyl)ether	6.55	93	472215	42.431	ng		100
12) 1,3-Dichlorobenzene	6.76	146	507140	41.543	ng		97
13) 1,4-Dichlorobenzene	6.83	146	511755	42.159	ng		99
14) 1,2-Dichlorobenzene	6.99	146	498583	43.416	ng		99
15) Benzyl Alcohol	6.96	79	399846	42.831	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	660251	41.161	ng		98
17) 2-Methylphenol	7.07	107	401475	40.235	ng		98
18) Hexachloroethane	7.33	117	190223	43.296	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	306555	40.839	ng		99
20) 3+4-Methylphenols	7.22	107	432738	34.092	ng	#	85
22) Acetophenone	7.23	105	606191	40.780	ng		95
24) Nitrobenzene	7.40	77	499676	40.502	ng		100
25) Isophorone	7.64	82	940310	41.161	ng		99
26) 2-Nitrophenol	7.72	139	269136	45.933	ng		99
27) 2,4-Dimethylphenol	7.76	122	435712	45.801	ng		96
28) bis(2-Chloroethoxy)methane	7.85	93	605886	43.448	ng		99
29) 2,4-Dichlorophenol	7.96	162	421400	43.349	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	449037	41.634	ng		100
31) Naphthalene	8.12	128	1366082	40.209	ng		100
32) Benzoic acid	7.89	122	316072	44.260	ng		98
33) 4-Chloroaniline	8.17	127	277942	18.339	ng		97
34) Hexachlorobutadiene	8.24	225	257945	40.570	ng		99
35) Caprolactam	8.55	113	130169	41.755	ng		96
36) 4-Chloro-3-methylphenol	8.66	107	439066	44.039	ng		97
37) 2-Methylnaphthalene	8.81	142	945599	42.865	ng		99
38) 1-Methylnaphthalene	8.91	142	894485	42.813	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	425838	41.710	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	419540	74.353	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	314449	43.744	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	325673	39.941	ng		98
46) 1,1'-Biphenyl	9.27	154	1158125	43.328	ng		99
47) 2-Chloronaphthalene	9.30	162	887105	40.707	ng		99
48) 2-Nitroaniline	9.40	65	278469	42.283	ng		93
49) Acenaphthylene	9.72	152	1426352	42.131	ng		100
50) Dimethylphthalate	9.58	163	1287698	50.938	ng		99
51) 2,6-Dinitrotoluene	9.64	165	241015	44.377	ng		91
52) Acenaphthene	9.89	154	965053m	44.836	ng		
53) 3-Nitroaniline	9.80	138	150189	22.049	ng		98
54) 2,4-Dinitrophenol	9.92	184	219796	71.136	ng	#	83
55) Dibenzofuran	10.06	168	1258903	40.446	ng		99
56) 4-Nitrophenol	9.97	139	416656	80.525	ng		100
57) 2,4-Dinitrotoluene	10.05	165	324469	45.493	ng		97
58) Fluorene	10.40	166	916394	39.475	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	289388	46.613	ng		96
60) Diethylphthalate	10.28	149	1085263	42.443	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	457415	36.942	ng		98
62) 4-Nitroaniline	10.42	138	257814	38.856	ng		99
63) Azobenzene	10.55	77	998521	41.019	ng		97
65) 4,6-Dinitro-2-methylphenol	10.45	198	155585	40.455	ng		98
66) n-Nitrosodiphenylamine	10.52	169	904953	42.589	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	314262	41.730	ng		97
68) Hexachlorobenzene	10.95	284	353985	43.453	ng	#	90
69) Atrazine	11.04	200	262232	49.831	ng		97
70) Pentachlorophenol	11.15	266	404816	86.741	ng		99
71) Phenanthrene	11.36	178	1438605	41.412	ng		99
72) Anthracene	11.42	178	1468346	42.093	ng		99
73) Carbazole	11.57	167	1389297	40.132	ng		100
74) Di-n-butylphthalate	11.90	149	1715240	42.935	ng		100
75) Fluoranthene	12.55	202	1587026	41.215	ng		98
77) Benzidine	12.67	184	821006	63.253	ng		99
78) Pyrene	12.78	202	1615502	46.285	ng		100
80) Butylbenzylphthalate	13.40	149	752732	48.378	ng		97
81) Benzo(a)anthracene	13.97	228	1228307	41.088	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	401818	35.627	ng		99
83) Chrysene	14.00	228	1339924	42.651	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	926073	48.267	ng	#	99
85) Di-n-octyl phthalate	14.57	149	1756514	46.016	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1347731	42.037	ng		99
88) Benzo(b)fluoranthene	15.00	252	1230888	44.172	ng		100
89) Benzo(k)fluoranthene	15.03	252	1231574	48.462	ng		100
90) Benzo(a)pyrene	15.36	252	1117713	43.964	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	1122982	42.880	ng		98
92) Benzo(g,h,i)perylene	17.29	276	1116302	43.231	ng		98

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

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