Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070920\
Data File : BM026710.D
Acq On : 08 Jul 2020 18:41
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
7/9/2020 11:00:02 AM

Quant Time: Jul 08 19:15:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 08 17:09:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	95015	20.00	ng		0.00
21) Naphthalene-d8	10.08	136	397995	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	260480	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	582673	20.00	ng		0.00
76) Chrysene-d12	20.97	240	709697	20.00	ng		0.00
86) Perylene-d12	23.04	264	722314	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	458875	80.95	ng		0.00
7) Phenol-d6	6.54	99	704546	78.01	ng		0.00
23) Nitrobenzene-d5	8.47	82	763404	81.83	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	315251	83.08	ng		0.00
45) 2-Fluorobiphenyl	12.60	172	1603719	81.86	ng		0.00
79) Terphenyl-d14	19.42	244	2991282	82.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	105864	38.867	ng		99
3) Pyridine	3.33	79	313222m	40.206	ng		
4) n-Nitrosodimethylamine	3.25	42	182386	39.114	ng		96
6) Aniline	6.67	93	432711	39.034	ng		98
8) 2-Chlorophenol	6.90	128	264157	39.119	ng		99
9) Benzaldehyde	6.49	77	179822	35.873	ng		98
10) Phenol	6.56	94	346902	38.862	ng		98
11) bis(2-Chloroethyl)ether	6.78	93	285541	38.257	ng		97
12) 1,3-Dichlorobenzene	7.22	146	290836	39.623	ng		95
13) 1,4-Dichlorobenzene	7.36	146	299637	40.105	ng		98
14) 1,2-Dichlorobenzene	7.67	146	295550	39.710	ng		98
15) Benzyl Alcohol	7.58	79	297101	38.444	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.87	45	597576	38.791	ng		98
17) 2-Methylphenol	7.79	107	261691	38.575	ng		98
18) Hexachloroethane	8.37	117	120948	40.760	ng		98
19) n-Nitroso-di-n-propylamine	8.15	70	285311	37.966	ng		95
20) 3+4-Methylphenols	8.12	107	358946	38.487	ng		97
22) Acetophenone	8.15	105	457025	40.409	ng	#	97
24) Nitrobenzene	8.52	77	395270	40.276	ng		99
25) Isophorone	9.05	82	727276	40.655	ng		99
26) 2-Nitrophenol	9.22	139	152195	42.018	ng		98
27) 2,4-Dimethylphenol	9.30	122	240145	40.772	ng		99
28) bis(2-Chloroethoxy)methane	9.53	93	401431	40.620	ng		98
29) 2,4-Dichlorophenol	9.75	162	269786	41.591	ng		99
30) 1,2,4-Trichlorobenzene	9.95	180	296127	40.922	ng		97
31) Naphthalene	10.13	128	888870	40.155	ng		100
32) Benzoic acid	9.50	122	189160	42.317	ng		99
33) 4-Chloroaniline	10.26	127	390310	40.307	ng		99
34) Hexachlorobutadiene	10.42	225	199865	41.703	ng		97
35) Caprolactam	11.06	113	95742m	41.668	ng		
36) 4-Chloro-3-methylphenol	11.40	107	329039	40.136	ng		99
37) 2-Methylnaphthalene	11.76	142	654660	39.924	ng		100
38) 1-Methylnaphthalene	11.98	142	631661	40.208	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	349377	41.491	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	180220	44.854	ng	99
43) 2,4,6-Trichlorophenol	12.40	196	234063	42.434	ng	99
44) 2,4,5-Trichlorophenol	12.47	196	269643	41.600	ng	99
46) 1,1'-Biphenyl	12.81	154	842038	40.925	ng	98
47) 2-Chloronaphthalene	12.85	162	680052	40.915	ng	99
48) 2-Nitroaniline	13.07	65	287764	42.069	ng	99
49) Acenaphthylene	13.70	152	1081176	40.689	ng	100
50) Dimethylphthalate	13.47	163	902305	40.499	ng	99
51) 2,6-Dinitrotoluene	13.59	165	198193	41.542	ng	98
52) Acenaphthene	14.05	154	654320	40.519	ng	97
53) 3-Nitroaniline	13.92	138	207511	41.809	ng	96
54) 2,4-Dinitrophenol	14.14	184	116531	41.731	ng	99
55) Dibenzofuran	14.39	168	1063423	40.163	ng	99
56) 4-Nitrophenol	14.26	139	160866	41.303	ng	95
57) 2,4-Dinitrotoluene	14.39	165	288085	41.837	ng	98
58) Fluorene	15.05	166	886596	40.443	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.63	232	233233	41.203	ng	99
60) Diethylphthalate	14.86	149	968402	41.106	ng	99
61) 4-Chlorophenyl-phenylether	15.06	204	484323	40.777	ng	99
62) 4-Nitroaniline	15.10	138	223652m	43.174	ng	
63) Azobenzene	15.35	77	1063575	41.102	ng	99
65) 4,6-Dinitro-2-methylphenol	15.16	198	165381	41.749	ng	98
66) n-Nitrosodiphenylamine	15.28	169	768865	41.524	ng	99
67) 4-Bromophenyl-phenylether	15.95	248	298676	41.182	ng	98
68) Hexachlorobenzene	16.06	284	315338	41.311	ng	94
69) Atrazine	16.25	200	235684	42.328	ng	99
70) Pentachlorophenol	16.41	266	185686	43.001	ng	97
71) Phenanthrene	16.79	178	1403039	40.788	ng	100
72) Anthracene	16.88	178	1410654	41.195	ng	99
73) Carbazole	17.16	167	1351427	41.396	ng	99
74) Di-n-butylphthalate	17.74	149	1790752	43.623	ng	100
75) Fluoranthene	18.82	202	1740230	41.075	ng	99
77) Benzidine	19.03	184	528727	37.789	ng	99
78) Pyrene	19.19	202	1820415	40.719	ng	99
80) Butylbenzylphthalate	20.13	149	876053	43.666	ng	95
81) Benzo(a)anthracene	20.95	228	1946452	40.830	ng	100
82) 3,3'-Dichlorobenzidine	20.90	252	655109	43.297	ng	99
83) Chrysene	21.00	228	1865587	40.207	ng	99
84) Bis(2-ethylhexyl)phthalate	20.92	149	1392738	43.333	ng	100
85) Di-n-octyl phthalate	21.76	149	2424221	44.129	ng	100
87) Indeno(1,2,3-cd)pyrene	25.06	276	2266197	44.071	ng	100
88) Benzo(b)fluoranthene	22.44	252	2038381	42.829	ng	100
89) Benzo(k)fluoranthene	22.48	252	1958247	41.947	ng	98
90) Benzo(a)pyrene	22.95	252	1875716	42.454	ng	100
91) Dibenzo(a,h)anthracene	25.06	278	1901870	43.812	ng	99
92) Benzo(g,h,i)perylene	25.66	276	1769294	44.236	ng	100

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

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