Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091620\
Data File : BM027438.D
Acq On : 16 Sep 2020 12:20
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/18/2020 11:29:07 AM

Quant Time: Sep 16 13:44:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 16 13:41:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	107597	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	375437	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	251618	20.00	ng		0.00
64) Phenanthrene-d10	16.94	188	582631	20.00	ng		0.00
76) Chrysene-d12	21.14	240	654135	20.00	ng		0.00
86) Perylene-d12	23.31	264	676906	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	539828	83.53	ng		0.00
7) Phenol-d6	6.75	99	696598	79.87	ng		0.00
23) Nitrobenzene-d5	8.70	82	731330	83.22	ng		0.00
42) 2,4,6-Tribromophenol	15.69	330	353796	80.19	ng		0.00
45) 2-Fluorobiphenyl	12.82	172	1550510	81.95	ng		0.00
79) Terphenyl-d14	19.59	244	2914037	77.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	129192	46.884	ng		99
3) Pyridine	3.54	79	355063	44.357	ng		98
4) n-Nitrosodimethylamine	3.45	42	127293	40.294	ng	#	94
6) Aniline	6.89	93	421550	39.765	ng		99
8) 2-Chlorophenol	7.13	128	266794	40.551	ng		99
9) Benzaldehyde	6.70	77	248863	36.270	ng		99
10) Phenol	6.77	94	335419	40.024	ng		97
11) bis(2-Chloroethyl)ether	6.99	93	281250	39.880	ng		99
12) 1,3-Dichlorobenzene	7.45	146	331553	40.486	ng		99
13) 1,4-Dichlorobenzene	7.59	146	337551	40.994	ng		99
14) 1,2-Dichlorobenzene	7.90	146	317651	40.147	ng		99
15) Benzyl Alcohol	7.80	79	281257	37.525	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.09	45	209111	39.153	ng		98
17) 2-Methylphenol	8.00	107	219990	38.657	ng		98
18) Hexachloroethane	8.62	117	130399	39.518	ng		94
19) n-Nitroso-di-n-propylamine	8.36	70	252709	36.386	ng		98
20) 3+4-Methylphenols	8.33	107	294171	37.888	ng		98
22) Acetophenone	8.37	105	436033	41.254	ng	#	96
24) Nitrobenzene	8.74	77	381874	41.741	ng		99
25) Isophorone	9.27	82	615088	39.785	ng		99
26) 2-Nitrophenol	9.45	139	141102	41.549	ng		96
27) 2,4-Dimethylphenol	9.52	122	234032	40.351	ng		97
28) bis(2-Chloroethoxy)methane	9.75	93	359053	40.482	ng		98
29) 2,4-Dichlorophenol	9.98	162	270175	40.458	ng		97
30) 1,2,4-Trichlorobenzene	10.19	180	326995	41.010	ng		98
31) Naphthalene	10.37	128	826315	41.088	ng		99
32) Benzoic acid	9.66	122	132608m	33.986	ng		
33) 4-Chloroaniline	10.49	127	338336	39.627	ng		97
34) Hexachlorobutadiene	10.67	225	220474	40.919	ng		99
35) Caprolactam	11.26	113	73554	37.426	ng		97
36) 4-Chloro-3-methylphenol	11.62	107	281381	39.217	ng		98
37) 2-Methylnaphthalene	11.99	142	616249	39.106	ng		100
38) 1-Methylnaphthalene	12.22	142	576835	38.985	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.37	216	379294	41.871	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	244706	41.045	ng	99
43) 2,4,6-Trichlorophenol	12.62	196	230907	41.575	ng	96
44) 2,4,5-Trichlorophenol	12.69	196	247144	40.935	ng	98
46) 1,1'-Biphenyl	13.02	154	825033	41.430	ng	99
47) 2-Chloronaphthalene	13.06	162	653234	41.371	ng	99
48) 2-Nitroaniline	13.27	65	202619	41.966	ng	96
49) Acenaphthylene	13.92	152	992695	41.500	ng	99
50) Dimethylphthalate	13.66	163	832004	40.229	ng	99
51) 2,6-Dinitrotoluene	13.77	165	181233	41.138	ng	98
52) Acenaphthene	14.26	154	611578	41.211	ng	98
53) 3-Nitroaniline	14.10	138	164758	38.165	ng	100
54) 2,4-Dinitrophenol	14.32	184	106554	39.705	ng	99
55) Dibenzofuran	14.60	168	1021619	40.698	ng	100
56) 4-Nitrophenol	14.43	139	131551	37.750	ng	97
57) 2,4-Dinitrotoluene	14.57	165	252622	41.382	ng	97
58) Fluorene	15.25	166	848143	40.253	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.83	232	234756	40.222	ng	100
60) Diethylphthalate	15.04	149	844649	39.707	ng	100
61) 4-Chlorophenyl-phenylether	15.25	204	457302	39.507	ng	98
62) 4-Nitroaniline	15.27	138	167658	36.509	ng	93
63) Azobenzene	15.54	77	903690	41.073	ng	98
65) 4,6-Dinitro-2-methylphenol	15.34	198	134316	35.921	ng	99
66) n-Nitrosodiphenylamine	15.47	169	730224	40.516	ng	100
67) 4-Bromophenyl-phenylether	16.14	248	288115	40.052	ng	98
68) Hexachlorobenzene	16.26	284	339994	40.491	ng	100
69) Atrazine	16.43	200	210727	39.972	ng	99
70) Pentachlorophenol	16.60	266	180451	35.537	ng	99
71) Phenanthrene	16.99	178	1372438	40.510	ng	100
72) Anthracene	17.07	178	1405332	41.101	ng	99
73) Carbazole	17.34	167	1226351	41.086	ng	99
74) Di-n-butylphthalate	17.93	149	1450374	40.395	ng	100
75) Fluoranthene	19.01	202	1692485	41.182	ng	100
77) Benzidine	19.20	184	722526	36.664	ng	98
78) Pyrene	19.37	202	1749336	39.213	ng	99
80) Butylbenzylphthalate	20.30	149	669902	36.343	ng	96
81) Benzo(a)anthracene	21.13	228	1772541	40.587	ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	660543	36.577	ng	99
83) Chrysene	21.19	228	1747724	41.180	ng	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	1017717	42.000	ng	99
85) Di-n-octyl phthalate	21.95	149	1706429	42.309	ng	100
87) Indeno(1,2,3-cd)pyrene	25.47	276	2068077	45.054	ng	100
88) Benzo(b)fluoranthene	22.67	252	1884135	40.016	ng	100
89) Benzo(k)fluoranthene	22.72	252	1844985	40.531	ng	99
90) Benzo(a)pyrene	23.22	252	1637865	41.129	ng	99
91) Dibenzo(a,h)anthracene	25.48	278	1714348	44.216	ng	100
92) Benzo(g,h,i)perylene	26.12	276	1732136	46.358	ng	99

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

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