Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026712.D
Acq On : 09 Jul 2020 10:46
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/10/2020 11:51:20 AM

Quant Time: Jul 09 11:36:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 11:30:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	75489	20.00	ng	0.00
21) Naphthalene-d8	10.08	136	327913	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	219656	20.00	ng	0.00
64) Phenanthrene-d10	16.74	188	502376	20.00	ng	0.00
76) Chrysene-d12	20.97	240	632022	20.00	ng	0.00
86) Perylene-d12	23.04	264	657876	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	318267	70.67	ng	0.00
7) Phenol-d6	6.53	99	507395	70.71	ng	0.00
23) Nitrobenzene-d5	8.47	82	550946	71.68	ng	0.00
42) 2,4,6-Tribromophenol	15.50	330	229309	71.67	ng	0.00
45) 2-Fluorobiphenyl	12.59	172	1149627	69.59	ng	0.00
79) Terphenyl-d14	19.41	244	2240116	69.75	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.95	88	76022	35.130	ng	98
3) Pyridine	3.33	79	222150m	35.892	ng	
4) n-Nitrosodimethylamine	3.25	42	132585	35.789	ng	99
6) Aniline	6.67	93	312126	35.439	ng	97
8) 2-Chlorophenol	6.90	128	185426	34.562	ng	98
9) Benzaldehyde	6.49	77	135922	34.129	ng	98
10) Phenol	6.56	94	250693	35.348	ng	97
11) bis(2-Chloroethyl)ether	6.77	93	201713	34.016	ng	99
12) 1,3-Dichlorobenzene	7.21	146	201852	34.613	ng	98
13) 1,4-Dichlorobenzene	7.36	146	206619	34.808	ng	97
14) 1,2-Dichlorobenzene	7.67	146	205742	34.794	ng	99
15) Benzyl Alcohol	7.58	79	217175	35.371	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.86	45	415781	33.971	ng	99
17) 2-Methylphenol	7.79	107	187312	34.753	ng	98
18) Hexachloroethane	8.37	117	82442	34.969	ng	96
19) n-Nitroso-di-n-propylamine	8.14	70	206319	34.556	ng	96
20) 3+4-Methylphenols	8.12	107	260678	35.180	ng	99
22) Acetophenone	8.15	105	329926	35.406	ng	99
24) Nitrobenzene	8.52	77	285962	35.365	ng	99
25) Isophorone	9.04	82	523216	35.499	ng	99
26) 2-Nitrophenol	9.22	139	109179	36.584	ng	98
27) 2,4-Dimethylphenol	9.30	122	170420	35.117	ng	96
28) bis(2-Chloroethoxy)methane	9.53	93	281300	34.548	ng	99
29) 2,4-Dichlorophenol	9.75	162	192454	36.011	ng	98
30) 1,2,4-Trichlorobenzene	9.95	180	211207	35.424	ng	98
31) Naphthalene	10.13	128	641875	35.194	ng	99
32) Benzoic acid	9.49	122	135442	34.496	ng	98
33) 4-Chloroaniline	10.26	127	286656	35.929	ng	99
34) Hexachlorobutadiene	10.42	225	138329	35.032	ng	98
35) Caprolactam	11.05	113	71119	37.567	ng	97
36) 4-Chloro-3-methylphenol	11.40	107	245129	36.291	ng	98
37) 2-Methylnaphthalene	11.76	142	470344	34.814	ng	98
38) 1-Methylnaphthalene	11.98	142	453560	35.041	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	248932	35.057	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	121900	34.352	ng	98
43) 2,4,6-Trichlorophenol	12.40	196	168629	36.253	ng	96
44) 2,4,5-Trichlorophenol	12.47	196	197544	36.141	ng	99
46) 1,1'-Biphenyl	12.80	154	605907	34.921	ng	99
47) 2-Chloronaphthalene	12.84	162	496608	35.431	ng	99
48) 2-Nitroaniline	13.07	65	212584	36.855	ng	99
49) Acenaphthylene	13.70	152	788478	35.189	ng	99
50) Dimethylphthalate	13.47	163	654608	34.842	ng	98
51) 2,6-Dinitrotoluene	13.59	165	142974	35.537	ng	97
52) Acenaphthene	14.05	154	474857	34.871	ng	97
53) 3-Nitroaniline	13.92	138	154187	36.839	ng	99
54) 2,4-Dinitrophenol	14.13	184	83669	33.931	ng	92
55) Dibenzofuran	14.39	168	773146	34.627	ng	100
56) 4-Nitrophenol	14.25	139	120245	35.257	ng	99
57) 2,4-Dinitrotoluene	14.39	165	211069	36.350	ng	96
58) Fluorene	15.05	166	645171	34.900	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.63	232	172566	36.151	ng	99
60) Diethylphthalate	14.85	149	695287	34.998	ng	99
61) 4-Chlorophenyl-phenylether	15.06	204	347039	34.649	ng	100
62) 4-Nitroaniline	15.09	138	165763m	34.817	ng	
63) Azobenzene	15.35	77	770885	35.328	ng	98
65) 4,6-Dinitro-2-methylphenol	15.16	198	121418	34.373	ng	99
66) n-Nitrosodiphenylamine	15.27	169	563356	35.288	ng	98
67) 4-Bromophenyl-phenylether	15.95	248	217985	34.860	ng	98
68) Hexachlorobenzene	16.06	284	229398	34.856	ng	99
69) Atrazine	16.24	200	174723	36.395	ng	99
70) Pentachlorophenol	16.41	266	134890	36.230	ng	97
71) Phenanthrene	16.79	178	1043810	35.195	ng	100
72) Anthracene	16.88	178	1043014	35.327	ng	99
73) Carbazole	17.16	167	1019463	36.218	ng	100
74) Di-n-butylphthalate	17.74	149	1259895	35.597	ng	100
75) Fluoranthene	18.82	202	1303617	35.687	ng	100
77) Benzidine	19.03	184	587294	47.133	ng	99
78) Pyrene	19.19	202	1377456	34.597	ng	100
80) Butylbenzylphthalate	20.13	149	636221	35.610	ng	94
81) Benzo(a)anthracene	20.95	228	1510646	35.583	ng	99
82) 3,3'-Dichlorobenzidine	20.90	252	503063	37.334	ng	99
83) Chrysene	21.00	228	1444574	34.960	ng	99
84) Bis(2-ethylhexyl)phthalate	20.91	149	990565	34.608	ng	100
85) Di-n-octyl phthalate	21.76	149	1734846	35.461	ng	99
87) Indeno(1,2,3-cd)pyrene	25.04	276	1774283	37.884	ng	100
88) Benzo(b)fluoranthene	22.43	252	1607247	37.078	ng	100
89) Benzo(k)fluoranthene	22.47	252	1504631	35.387	ng	100
90) Benzo(a)pyrene	22.95	252	1465099	36.408	ng	99
91) Dibenzo(a,h)anthracene	25.06	278	1484223	37.540	ng	99
92) Benzo(g,h,i)perylene	25.65	276	1384660	38.010	ng	100

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

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