Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026722.D
Acq On : 09 Jul 2020 17:01
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
7/10/2020 11:51:39 AM

Quant Time: Jul 09 17:33:34 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	95632	20.00	ng	0.00
21) Naphthalene-d8	10.08	136	415311	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	284369	20.00	ng	0.00
64) Phenanthrene-d10	16.74	188	670766	20.00	ng	0.00
76) Chrysene-d12	20.97	240	856313	20.00	ng	0.00
86) Perylene-d12	23.04	264	862443	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	406709	71.28	ng	0.00
7) Phenol-d6	6.54	99	641577	70.58	ng	0.00
23) Nitrobenzene-d5	8.47	82	701501	72.06	ng	0.00
42) 2,4,6-Tribromophenol	15.50	330	306321	73.95	ng	0.00
45) 2-Fluorobiphenyl	12.59	172	1482589	69.32	ng	0.00
79) Terphenyl-d14	19.42	244	3065567	70.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.95	88	97790	35.671	ng	99
3) Pyridine	3.33	79	282992m	36.091	ng	
4) n-Nitrosodimethylamine	3.25	42	177071	37.729	ng	96
6) Aniline	6.67	93	388621	34.830	ng	99
8) 2-Chlorophenol	6.90	128	238338	35.067	ng	99
9) Benzaldehyde	6.49	77	166646	33.030	ng	98
10) Phenol	6.56	94	318732	35.476	ng	98
11) bis(2-Chloroethyl)ether	6.77	93	255488	34.009	ng	99
12) 1,3-Dichlorobenzene	7.21	146	258622	35.007	ng	97
13) 1,4-Dichlorobenzene	7.36	146	264018	35.109	ng	97
14) 1,2-Dichlorobenzene	7.67	146	262840	35.087	ng	98
15) Benzyl Alcohol	7.58	79	272027	34.973	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.87	45	533493	34.408	ng	99
17) 2-Methylphenol	7.79	107	237951	34.849	ng	99
18) Hexachloroethane	8.37	117	105990	35.488	ng	98
19) n-Nitroso-di-n-propylamine	8.14	70	262575	34.715	ng	100
20) 3+4-Methylphenols	8.12	107	328047	34.947	ng	98
22) Acetophenone	8.15	105	416356	35.279	ng	98
24) Nitrobenzene	8.52	77	360681	35.219	ng	100
25) Isophorone	9.05	82	656892	35.190	ng	99
26) 2-Nitrophenol	9.22	139	135600	35.875	ng	98
27) 2,4-Dimethylphenol	9.30	122	217636	35.409	ng	98
28) bis(2-Chloroethoxy)methane	9.53	93	358841	34.796	ng	100
29) 2,4-Dichlorophenol	9.75	162	244399	36.107	ng	99
30) 1,2,4-Trichlorobenzene	9.95	180	267953	35.484	ng	98
31) Naphthalene	10.13	128	810500	35.088	ng	100
32) Benzoic acid	9.50	122	175500	35.128	ng	96
33) 4-Chloroaniline	10.26	127	362915	35.915	ng	99
34) Hexachlorobutadiene	10.42	225	177904	35.573	ng	98
35) Caprolactam	11.06	113	89280m	37.235	ng	
36) 4-Chloro-3-methylphenol	11.40	107	312577	36.539	ng	99
37) 2-Methylnaphthalene	11.76	142	605488	35.386	ng	98
38) 1-Methylnaphthalene	11.98	142	577399	35.221	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	321604	34.984	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	160859	34.897	ng	98
43) 2,4,6-Trichlorophenol	12.40	196	218626	36.305	ng	97
44) 2,4,5-Trichlorophenol	12.47	196	256084	36.189	ng	100
46) 1,1'-Biphenyl	12.80	154	784107	34.908	ng	98
47) 2-Chloronaphthalene	12.84	162	637209	35.116	ng	98
48) 2-Nitroaniline	13.07	65	282722	37.860	ng	98
49) Acenaphthylene	13.70	152	1021761	35.223	ng	100
50) Dimethylphthalate	13.47	163	858752	35.306	ng	100
51) 2,6-Dinitrotoluene	13.59	165	189623	36.407	ng	99
52) Acenaphthene	14.05	154	625466	35.479	ng	98
53) 3-Nitroaniline	13.92	138	201653	37.216	ng	99
54) 2,4-Dinitrophenol	14.14	184	112003	34.872	ng	97
55) Dibenzofuran	14.39	168	1024047	35.427	ng	100
56) 4-Nitrophenol	14.25	139	159776	36.084	ng	94
57) 2,4-Dinitrotoluene	14.39	165	284014	37.781	ng	99
58) Fluorene	15.05	166	861684	36.004	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.63	232	227027	36.737	ng	100
60) Diethylphthalate	14.85	149	924858	35.959	ng	98
61) 4-Chlorophenyl-phenylether	15.06	204	460582	35.521	ng	98
62) 4-Nitroaniline	15.10	138	221411m	35.823	ng	
63) Azobenzene	15.35	77	1030650	36.484	ng	99
65) 4,6-Dinitro-2-methylphenol	15.16	198	162320	34.410	ng	96
66) n-Nitrosodiphenylamine	15.28	169	755391	35.438	ng	98
67) 4-Bromophenyl-phenylether	15.95	248	291024	34.857	ng	99
68) Hexachlorobenzene	16.06	284	304585	34.662	ng	100
69) Atrazine	16.25	200	228965	35.721	ng	97
70) Pentachlorophenol	16.41	266	182019	36.616	ng	99
71) Phenanthrene	16.79	178	1400409	35.365	ng	100
72) Anthracene	16.88	178	1408255	35.724	ng	100
73) Carbazole	17.16	167	1374536	36.574	ng	100
74) Di-n-butylphthalate	17.74	149	1743252	36.889	ng	99
75) Fluoranthene	18.82	202	1783397	36.565	ng	100
77) Benzidine	19.03	184	762801	45.184	ng	99
78) Pyrene	19.19	202	1873776	34.736	ng	99
80) Butylbenzylphthalate	20.13	149	879824	36.346	ng	95
81) Benzo(a)anthracene	20.96	228	2030861	35.307	ng	100
82) 3,3'-Dichlorobenzidine	20.90	252	682842	37.403	ng	99
83) Chrysene	21.01	228	1980425	35.374	ng	99
84) Bis(2-ethylhexyl)phthalate	20.92	149	1415350	36.497	ng	99
85) Di-n-octyl phthalate	21.76	149	2437444	36.773	ng	100
87) Indeno(1,2,3-cd)pyrene	25.05	276	2186098	35.605	ng	100
88) Benzo(b)fluoranthene	22.44	252	2081911	36.637	ng	99
89) Benzo(k)fluoranthene	22.48	252	2049080	36.761	ng	99
90) Benzo(a)pyrene	22.95	252	1928142	36.550	ng	100
91) Dibenzo(a,h)anthracene	25.06	278	1844958	35.596	ng	100
92) Benzo(g,h,i)perylene	25.66	276	1670823	34.987	ng	100

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

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