Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026681.D
Acq On : 07 Jul 2020 17:35
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/9/2020 10:56:29 AM

Quant Time: Jul 07 18:11:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 16:22:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	66123	20.00	ng	0.00
21) Naphthalene-d8	10.09	136	298843	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	205614	20.00	ng	0.00
64) Phenanthrene-d10	16.75	188	482930	20.00	ng	0.00
76) Chrysene-d12	20.97	240	594457	20.00	ng	0.00
86) Perylene-d12	23.04	264	600204	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.97	112	311851	79.05	ng	0.00
7) Phenol-d6	6.54	99	501398	79.77	ng	0.00
23) Nitrobenzene-d5	8.48	82	567878	81.07	ng	0.00
42) 2,4,6-Tribromophenol	15.50	330	256874	85.76	ng	0.00
45) 2-Fluorobiphenyl	12.60	172	1253166	81.04	ng	0.00
79) Terphenyl-d14	19.42	244	2494468	82.58	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.95	88	73456	38.752	ng	99
3) Pyridine	3.33	79	217445m	40.108	ng	
4) n-Nitrosodimethylamine	3.25	42	134880	41.565	ng	95
6) Aniline	6.68	93	312666	40.528	ng	97
8) 2-Chlorophenol	6.90	128	189192	40.259	ng	98
9) Benzaldehyde	6.49	77	133945	38.397	ng	97
10) Phenol	6.57	94	249063	40.093	ng	99
11) bis(2-Chloroethyl)ether	6.78	93	204217	39.316	ng	99
12) 1,3-Dichlorobenzene	7.22	146	203704	39.878	ng	99
13) 1,4-Dichlorobenzene	7.36	146	208609	40.121	ng	98
14) 1,2-Dichlorobenzene	7.67	146	207733	40.107	ng	98
15) Benzyl Alcohol	7.59	79	217299	40.404	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.87	45	431223	40.223	ng	99
17) 2-Methylphenol	7.79	107	189569	40.153	ng	99
18) Hexachloroethane	8.38	117	83750	40.556	ng	97
19) n-Nitroso-di-n-propylamine	8.15	70	214267	40.970	ng	98
20) 3+4-Methylphenols	8.12	107	264819	40.801	ng	99
22) Acetophenone	8.15	105	340625	40.110	ng	97
24) Nitrobenzene	8.52	77	291854	39.605	ng	100
25) Isophorone	9.05	82	550743	41.002	ng	99
26) 2-Nitrophenol	9.22	139	112110	41.220	ng	95
27) 2,4-Dimethylphenol	9.30	122	179678	40.627	ng	98
28) bis(2-Chloroethoxy)methane	9.53	93	299177	40.317	ng	99
29) 2,4-Dichlorophenol	9.76	162	202279	41.531	ng	99
30) 1,2,4-Trichlorobenzene	9.96	180	220034	40.495	ng	99
31) Naphthalene	10.13	128	665289	40.026	ng	99
32) Benzoic acid	9.49	122	145211	39.329	ng	97
33) 4-Chloroaniline	10.26	127	300816	41.372	ng	99
34) Hexachlorobutadiene	10.43	225	145241	40.360	ng	99
35) Caprolactam	11.06	113	72696m	42.135	ng	
36) 4-Chloro-3-methylphenol	11.41	107	256688	41.699	ng	100
37) 2-Methylnaphthalene	11.76	142	502413	40.805	ng	99
38) 1-Methylnaphthalene	11.99	142	482838	40.932	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	270915	40.758	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	132454	38.891	ng	98
43) 2,4,6-Trichlorophenol	12.40	196	180442	41.442	ng	99
44) 2,4,5-Trichlorophenol	12.48	196	212435	41.519	ng	99
46) 1,1'-Biphenyl	12.81	154	656401	40.415	ng	99
47) 2-Chloronaphthalene	12.85	162	532994	40.624	ng	98
48) 2-Nitroaniline	13.07	65	232099	42.986	ng	100
49) Acenaphthylene	13.71	152	860223	41.013	ng	99
50) Dimethylphthalate	13.47	163	723092	41.115	ng	99
51) 2,6-Dinitrotoluene	13.59	165	157437	41.805	ng	98
52) Acenaphthene	14.06	154	526334	41.291	ng	99
53) 3-Nitroaniline	13.92	138	167762	42.820	ng	98
54) 2,4-Dinitrophenol	14.14	184	93459	39.278	ng	95
55) Dibenzofuran	14.40	168	858409	41.071	ng	100
56) 4-Nitrophenol	14.26	139	130245	40.182	ng	96
57) 2,4-Dinitrotoluene	14.39	165	230603	42.426	ng	99
58) Fluorene	15.06	166	722085	41.728	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.64	232	187930	42.058	ng	99
60) Diethylphthalate	14.86	149	786590	42.298	ng	100
61) 4-Chlorophenyl-phenylether	15.06	204	387837	41.367	ng	99
62) 4-Nitroaniline	15.10	138	182662m	40.430	ng	
63) Azobenzene	15.36	77	863757	42.288	ng	99
65) 4,6-Dinitro-2-methylphenol	15.16	198	135681	39.221	ng	92
66) n-Nitrosodiphenylamine	15.28	169	627179	40.867	ng	98
67) 4-Bromophenyl-phenylether	15.96	248	247019	41.094	ng	99
68) Hexachlorobenzene	16.06	284	256648	40.567	ng	99
69) Atrazine	16.25	200	196542	42.589	ng	97
70) Pentachlorophenol	16.42	266	149134	41.669	ng	99
71) Phenanthrene	16.79	178	1173827	41.173	ng	99
72) Anthracene	16.89	178	1173308	41.340	ng	100
73) Carbazole	17.17	167	1124784	41.569	ng	99
74) Di-n-butylphthalate	17.75	149	1455267	42.773	ng	100
75) Fluoranthene	18.82	202	1454409	41.419	ng	98
77) Benzidine	19.03	184	539708	46.051	ng	100
78) Pyrene	19.19	202	1521334	40.626	ng	100
80) Butylbenzylphthalate	20.13	149	722182	42.975	ng	99
81) Benzo(a)anthracene	20.96	228	1633190	40.900	ng	99
82) 3,3'-Dichlorobenzidine	20.90	252	540253	42.628	ng	99
83) Chrysene	21.01	228	1581674	40.696	ng	99
84) Bis(2-ethylhexyl)phthalate	20.92	149	1156280	42.950	ng	99
85) Di-n-octyl phthalate	21.76	149	1993374	43.321	ng	100
87) Indeno(1,2,3-cd)pyrene	25.06	276	1782294	41.712	ng	100
88) Benzo(b)fluoranthene	22.44	252	1727641	43.686	ng	99
89) Benzo(k)fluoranthene	22.48	252	1597607	41.184	ng	99
90) Benzo(a)pyrene	22.96	252	1545916	42.108	ng	99
91) Dibenzo(a,h)anthracene	25.06	278	1506357	41.761	ng	98
92) Benzo(g,h,i)perylene	25.66	276	1362755	41.004	ng	99

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

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