Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
Data File : BM024603.D
Acq On : 23 Jan 2020 12:22
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
1/24/2020 1:54:52 PM

Quant Time: Jan 23 13:06:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 12:41:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	250590	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1004892	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	710224	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1627378	20.00	ng	0.00
76) Chrysene-d12	21.06	240	1653537	20.00	ng	0.00
87) Perylene-d12	23.17	264	1736974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1325756	94.26	ng	0.00
7) Phenol-d6	6.65	99	1847310	98.78	ng	0.00
23) Nitrobenzene-d5	8.59	82	2083648	100.12	ng	0.00
42) 2,4,6-Tribromophenol	15.60	330	1163009	119.06	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	5264021	99.22	ng	0.00
79) Terphenyl-d14	19.50	244	9863283	125.09	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	258937	42.887	ng	100
3) Pyridine	3.45	79	751745	43.034	ng	99
4) n-Nitrosodimethylamine	3.37	42	337467	36.209	ng	98
6) Aniline	6.79	93	1124704	48.173	ng	99
8) 2-Chlorophenol	7.02	128	759002	48.107	ng	96
9) Benzaldehyde	6.60	77	481896	52.005	ng	98
10) Phenol	6.67	94	906217	47.318	ng	99
11) bis(2-Chloroethyl)ether	6.89	93	741194	48.519	ng	98
12) 1,3-Dichlorobenzene	7.34	146	924561	47.101	ng	98
13) 1,4-Dichlorobenzene	7.48	146	928529	46.797	ng	99
14) 1,2-Dichlorobenzene	7.79	146	901075	46.911	ng	99
15) Benzyl Alcohol	7.69	79	758702	51.653	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.99	45	678705	33.992	ng	98
17) 2-Methylphenol	7.90	107	647409	49.445	ng	99
18) Hexachloroethane	8.51	117	362232	49.294	ng	97
19) n-Nitroso-di-n-propylamine	8.26	70	680991	50.663	ng	98
20) 3+4-Methylphenols	8.23	107	897884	50.201	ng	99
22) Acetophenone	8.26	105	1321054	47.033	ng	99
24) Nitrobenzene	8.63	77	997154	48.895	ng	98
25) Isophorone	9.16	82	1773849	50.873	ng	99
26) 2-Nitrophenol	9.33	139	473830	66.375	ng	99
27) 2,4-Dimethylphenol	9.41	122	637887	51.844	ng	98
28) bis(2-Chloroethoxy)methane	9.65	93	1089487	50.925	ng	99
29) 2,4-Dichlorophenol	9.86	162	858554	53.153	ng	100
30) 1,2,4-Trichlorobenzene	10.07	180	1014651	51.550	ng	99
31) Naphthalene	10.26	128	2584166	47.612	ng	99
32) Benzoic acid	9.59	122	612475m	77.420	ng	
33) 4-Chloroaniline	10.37	127	1151432	47.850	ng	99
34) Hexachlorobutadiene	10.56	225	698491	53.732	ng	99
35) Caprolactam	11.16	113	278665m	56.593	ng	
36) 4-Chloro-3-methylphenol	11.52	107	910453	53.765	ng	96
37) 2-Methylnaphthalene	11.88	142	2000743	50.318	ng	99
38) 1-Methylnaphthalene	12.10	142	1881778	49.675	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1278582	51.529	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	726805	53.060	ng	98
43) 2,4,6-Trichlorophenol	12.51	196	822772	58.218	ng	99
44) 2,4,5-Trichlorophenol	12.58	196	838118	55.104	ng	99
46) 1,1'-Biphenyl	12.92	154	2726989	47.771	ng	100
47) 2-Chloronaphthalene	12.96	162	2187114	47.271	ng	99
48) 2-Nitroaniline	13.16	65	677046	48.218	ng	98
49) Acenaphthylene	13.81	152	3296610	47.060	ng	100
50) Dimethylphthalate	13.57	163	2896083	49.192	ng	100
51) 2,6-Dinitrotoluene	13.68	165	624655	49.746	ng	95
52) Acenaphthene	14.16	154	2034982	47.511	ng	99
53) 3-Nitroaniline	14.00	138	647884	47.269	ng	98
54) 2,4-Dinitrophenol	14.22	184	379515	74.748	ng	97
55) Dibenzofuran	14.50	168	3304269	47.663	ng	100
56) 4-Nitrophenol	14.33	139	510869	50.197	ng	97
57) 2,4-Dinitrotoluene	14.47	165	890300	49.664	ng	99
58) Fluorene	15.15	166	2784948	47.641	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.73	232	857386	60.598	ng	98
60) Diethylphthalate	14.96	149	2925856	48.157	ng	99
61) 4-Chlorophenyl-phenylether	15.16	204	1590606	49.784	ng	99
62) 4-Nitroaniline	15.18	138	711996	45.924	ng	100
63) Azobenzene	15.45	77	2513352	46.157	ng	100
65) 4,6-Dinitro-2-methylphenol	15.24	198	499479	71.744	ng	96
66) n-Nitrosodiphenylamine	15.37	169	2383489	49.527	ng	99
67) 4-Bromophenyl-phenylether	16.05	248	1025702	52.233	ng	99
68) Hexachlorobenzene	16.16	284	1169414	51.129	ng	98
69) Atrazine	16.34	200	916611	69.111	ng	99
70) Pentachlorophenol	16.50	266	733559	63.529	ng	100
71) Phenanthrene	16.89	178	4484389	48.307	ng	99
72) Anthracene	16.98	178	4410147	48.476	ng	100
73) Carbazole	17.25	167	3989563	46.912	ng	100
74) Di-n-butylphthalate	17.84	149	5115963	52.146	ng	100
75) Fluoranthene	18.92	202	5567965	50.188	ng	99
77) Benzidine	19.11	184	1805920	74.634	ng	100
78) Pyrene	19.28	202	5697804	52.285	ng	99
80) Butylbenzylphthalate	20.22	149	2418671	66.603	ng	100
81) Benzo(a)anthracene	21.04	228	5927109	52.020	ng	100
82) 3,3'-Dichlorobenzidine	20.98	252	2172707	62.512	ng	100
83) Chrysene	21.09	228	5613457	52.101	ng	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	3527282	58.605	ng	100
85) Di-n-octyl phthalate	21.86	149	5858968	62.783	ng	100
86) Indeno(1,2,3-cd)pyrene	25.24	276	5720669	53.492	ng	98
88) Benzo(b)fluoranthene	22.55	252	5821255	49.531	ng	100
89) Benzo(k)fluoranthene	22.59	252	5768970	51.090	ng	100
90) Benzo(a)pyrene	23.08	252	5286932	50.502	ng	99
91) Dibenzo(a,h)anthracene	25.26	278	4815378	51.595	ng	99
92) Benzo(g,h,i)perylene	25.87	276	4314926	51.166	ng	99

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

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