Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060520\
Data File : BM026280.D
Acq On : 05 Jun 2020 16:35
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
6/8/2020 12:51:58 PM

Quant Time: Jun 05 17:43:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 17:08:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	178617	20.00	ng	0.00
21) Naphthalene-d8	10.21	136	769279	20.00	ng	0.00
39) Acenaphthene-d10	14.10	164	485994	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1063667	20.00	ng	0.00
76) Chrysene-d12	21.06	240	1099958	20.00	ng	0.00
86) Perylene-d12	23.16	264	993330	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	953774	94.62	ng	0.00
7) Phenol-d6	6.65	99	1390599	95.24	ng	0.00
23) Nitrobenzene-d5	8.60	82	1480041	94.47	ng	0.00
42) 2,4,6-Tribromophenol	15.60	330	563576	95.77	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	3015289	94.16	ng	0.00
79) Terphenyl-d14	19.50	244	4975504	87.89	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	212912	46.86	ng	99
3) Pyridine	3.44	79	630977m	47.22	ng	
4) n-Nitrosodimethylamine	3.35	42	311893	47.15	ng	96
6) Aniline	6.79	93	915670	47.78	ng	98
8) 2-Chlorophenol	7.02	128	552669	47.52	ng	98
9) Benzaldehyde	6.60	77	503117	66.69	ng	98
10) Phenol	6.67	94	743156	47.77	ng	99
11) bis(2-Chloroethyl)ether	6.89	93	589869	47.06	ng	98
12) 1,3-Dichlorobenzene	7.33	146	606807	47.08	ng	99
13) 1,4-Dichlorobenzene	7.48	146	619751	47.22	ng	98
14) 1,2-Dichlorobenzene	7.79	146	604336	47.11	ng	99
15) Benzyl Alcohol	7.70	79	595171	47.90	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.99	45	1080277	46.09	ng	99
17) 2-Methylphenol	7.90	107	539368	47.42	ng	99
18) Hexachloroethane	8.50	117	234234	47.14	ng	100
19) n-Nitroso-di-n-propylamine	8.26	70	538856	47.28	ng	99
20) 3+4-Methylphenols	8.23	107	739473	47.66	ng	99
22) Acetophenone	8.27	105	934201	47.23	ng	100
24) Nitrobenzene	8.64	77	765659	46.69	ng	98
25) Isophorone	9.16	82	1395170	47.39	ng	100
26) 2-Nitrophenol	9.34	139	311676	48.01	ng	99
27) 2,4-Dimethylphenol	9.42	122	484306	47.30	ng	98
28) bis(2-Chloroethoxy)methane	9.65	93	782957	46.81	ng	99
29) 2,4-Dichlorophenol	9.87	162	533642	47.44	ng	99
30) 1,2,4-Trichlorobenzene	10.08	180	578952	46.91	ng	98
31) Naphthalene	10.26	128	1821215	46.97	ng	99
32) Benzoic acid	9.60	122	397064	52.20	ng	99
33) 4-Chloroaniline	10.38	127	799701	47.25	ng	99
34) Hexachlorobutadiene	10.55	225	362216	46.54	ng	98
35) Caprolactam	11.19	113	193925m	49.25	ng	
36) 4-Chloro-3-methylphenol	11.52	107	650796	47.55	ng	99
37) 2-Methylnaphthalene	11.88	142	1302940	47.18	ng	100
38) 1-Methylnaphthalene	12.10	142	1227866	46.91	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	655126	47.33	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	390995	47.84	ng	99
43) 2,4,6-Trichlorophenol	12.52	196	447238	47.78	ng	98
44) 2,4,5-Trichlorophenol	12.59	196	516509	47.49	ng	99
46) 1,1'-Biphenyl	12.92	154	1601552	46.96	ng	99
47) 2-Chloronaphthalene	12.96	162	1299862	46.99	ng	100
48) 2-Nitroaniline	13.17	65	527306	48.04	ng	99
49) Acenaphthylene	13.82	152	2088379	47.15	ng	100
50) Dimethylphthalate	13.58	163	1668653	46.97	ng	100
51) 2,6-Dinitrotoluene	13.69	165	373929	47.99	ng	100
52) Acenaphthene	14.16	154	1247930	46.95	ng	100
53) 3-Nitroaniline	14.02	138	423122	48.74	ng	98
54) 2,4-Dinitrophenol	14.23	184	236383	49.88	ng	98
55) Dibenzofuran	14.50	168	2017404	47.09	ng	99
56) 4-Nitrophenol	14.34	139	337246	49.00	ng	98
57) 2,4-Dinitrotoluene	14.49	165	524386	48.37	ng	99
58) Fluorene	15.16	166	1644270	47.27	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.74	232	445514	47.95	ng	99
60) Diethylphthalate	14.96	149	1725516	47.63	ng	99
61) 4-Chlorophenyl-phenylether	15.16	204	868906	47.04	ng	98
62) 4-Nitroaniline	15.19	138	457160	49.32	ng	96
63) Azobenzene	15.45	77	1875932	47.29	ng	100
65) 4,6-Dinitro-2-methylphenol	15.25	198	315740	48.78	ng	99
66) n-Nitrosodiphenylamine	15.38	169	1438166	46.69	ng	99
67) 4-Bromophenyl-phenylether	16.05	248	543653	46.30	ng	100
68) Hexachlorobenzene	16.16	284	570550	46.71	ng	97
69) Atrazine	16.34	200	447431	48.56	ng	99
70) Pentachlorophenol	16.51	266	360140	48.96	ng	98
71) Phenanthrene	16.89	178	2611764	47.15	ng	99
72) Anthracene	16.98	178	2609696	47.23	ng	100
73) Carbazole	17.26	167	2507156	47.86	ng	100
74) Di-n-butylphthalate	17.84	149	2979836	48.22	ng	100
75) Fluoranthene	18.92	202	3098976	48.84	ng	100
77) Benzidine	19.12	184	1048591	48.73	ng	99
78) Pyrene	19.28	202	3179497	43.81	ng	99
80) Butylbenzylphthalate	20.22	149	1378634	46.91	ng	96
81) Benzo(a)anthracene	21.04	228	3103356	47.01	ng	100
82) 3,3'-Dichlorobenzidine	20.99	252	988450	48.22	ng	100
83) Chrysene	21.09	228	2944081	46.81	ng	100
84) Bis(2-ethylhexyl)phthalate	21.00	149	2026571	48.33	ng	100
85) Di-n-octyl phthalate	21.85	149	3316110	51.15	ng	99
87) Indeno(1,2,3-cd)pyrene	25.23	276	2542331	44.30	ng	99
88) Benzo(b)fluoranthene	22.54	252	2814077	47.12	ng	100
89) Benzo(k)fluoranthene	22.59	252	2729430	47.01	ng	100
90) Benzo(a)pyrene	23.07	252	2498169	47.05	ng	99
91) Dibenzo(a,h)anthracene	25.23	278	2133134	44.54	ng	98
92) Benzo(g,h,i)perylene	25.85	276	1980785	43.42	ng	99

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

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