Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090220\
Data File : BM027305.D
Acq On : 02 Sep 2020 14:42
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
9/3/2020 1:49:04 PM

Quant Time: Sep 02 16:19:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 13:40:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	148482	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	547457	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	394728	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	896903	20.00	ng	0.00
76) Chrysene-d12	21.17	240	866575	20.00	ng	0.00
86) Perylene-d12	23.34	264	682519	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1484574	194.91	ng	0.00
7) Phenol-d6	6.77	99	2070503	197.99	ng	0.00
23) Nitrobenzene-d5	8.73	82	2203853	166.09	ng	0.01
42) 2,4,6-Tribromophenol	15.72	330	1273051	199.16	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	5291190	176.09	ng	0.00
79) Terphenyl-d14	19.62	244	9473288	204.21	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	292994	80.496	ng	98
3) Pyridine	3.55	79	887442	86.851	ng	100
4) n-Nitrosodimethylamine	3.47	42	342428	76.822	ng	99
6) Aniline	6.92	93	1208034	101.687	ng	98
8) 2-Chlorophenol	7.16	128	753215	95.028	ng	98
9) Benzaldehyde	6.73	77	735329	102.697	ng	99
10) Phenol	6.80	94	982210	98.552	ng	97
11) bis(2-Chloroethyl)ether	7.02	93	785269	96.392	ng	99
12) 1,3-Dichlorobenzene	7.47	146	917574	82.716	ng	100
13) 1,4-Dichlorobenzene	7.62	146	929345	83.034	ng	98
14) 1,2-Dichlorobenzene	7.93	146	880900	82.984	ng	99
15) Benzyl Alcohol	7.83	79	888577	93.481	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.11	45	589432	90.185	ng	100
17) 2-Methylphenol	8.03	107	660617	95.797	ng	99
18) Hexachloroethane	8.65	117	372876	82.094	ng	99
19) n-Nitroso-di-n-propylamine	8.40	70	801569	99.858	ng	99
20) 3+4-Methylphenols	8.36	107	918411	99.528	ng	97
22) Acetophenone	8.40	105	1328184	90.271	ng	99
24) Nitrobenzene	8.77	77	1134775	84.489	ng	99
25) Isophorone	9.30	82	1963628	101.031	ng	99
26) 2-Nitrophenol	9.47	139	466170	111.198	ng	95
27) 2,4-Dimethylphenol	9.55	122	749966	115.217	ng	95
28) bis(2-Chloroethoxy)methane	9.78	93	1127185	95.038	ng	99
29) 2,4-Dichlorophenol	10.01	162	879743	96.911	ng	98
30) 1,2,4-Trichlorobenzene	10.22	180	1003535	84.210	ng	99
31) Naphthalene	10.40	128	2551781	91.964	ng	99
32) Benzoic acid	9.76	122	541065	116.009	ng	93
33) 4-Chloroaniline	10.51	127	1103901	96.299	ng	99
34) Hexachlorobutadiene	10.70	225	676787	78.781	ng	99
35) Caprolactam	11.34	113	256008m	104.034	ng	
36) 4-Chloro-3-methylphenol	11.66	107	940453	100.222	ng	98
37) 2-Methylnaphthalene	12.02	142	2038212	96.998	ng	99
38) 1-Methylnaphthalene	12.24	142	1882577	93.096	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	1276282	91.810	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	908811	118.275	ng	99
43) 2,4,6-Trichlorophenol	12.64	196	803850	93.649	ng	97
44) 2,4,5-Trichlorophenol	12.72	196	865782	95.116	ng	98
46) 1,1'-Biphenyl	13.05	154	2749709	92.943	ng	100
47) 2-Chloronaphthalene	13.09	162	2176656	86.291	ng	99
48) 2-Nitroaniline	13.30	65	693697	86.170	ng	97
49) Acenaphthylene	13.94	152	3324916	94.783	ng	100
50) Dimethylphthalate	13.70	163	2782688	86.831	ng	100
51) 2,6-Dinitrotoluene	13.80	165	620806	97.423	ng	98
52) Acenaphthene	14.29	154	2053330	92.207	ng	98
53) 3-Nitroaniline	14.13	138	585359	95.248	ng	100
54) 2,4-Dinitrophenol	14.34	184	382269	114.900	ng	95
55) Dibenzofuran	14.63	168	3428875	92.432	ng	98
56) 4-Nitrophenol	14.46	139	494894	100.908	ng	96
57) 2,4-Dinitrotoluene	14.60	165	884155	99.871	ng	99
58) Fluorene	15.27	166	2963027	96.750	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	822558	92.253	ng	100
60) Diethylphthalate	15.07	149	2908705	91.491	ng	100
61) 4-Chlorophenyl-phenylether	15.27	204	1646177	93.589	ng	98
62) 4-Nitroaniline	15.31	138	624846	90.603	ng	99
63) Azobenzene	15.57	77	2985007	91.514	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	544346	123.577	ng	99
66) n-Nitrosodiphenylamine	15.50	169	2497010	98.022	ng	98
67) 4-Bromophenyl-phenylether	16.17	248	1004749	92.783	ng	99
68) Hexachlorobenzene	16.29	284	1149013	89.348	ng	96
69) Atrazine	16.46	200	735195	76.230	ng	99
70) Pentachlorophenol	16.63	266	719578	103.451	ng	98
71) Phenanthrene	17.01	178	4580372	91.865	ng	100
72) Anthracene	17.10	178	4696520	98.533	ng	99
73) Carbazole	17.37	167	4085919	93.196	ng	99
74) Di-n-butylphthalate	17.96	149	5029216	99.319	ng	100
75) Fluoranthene	19.03	202	5600507	89.921	ng	99
77) Benzidine	19.22	184	2421467	161.094	ng	99
78) Pyrene	19.40	202	5635384	106.872	ng	99
80) Butylbenzylphthalate	20.32	149	2154159	111.769	ng	99
81) Benzo(a)anthracene	21.16	228	5086356	90.579	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	2058620	105.196	ng	99
83) Chrysene	21.21	228	4942536	90.627	ng	99
85) Di-n-octyl phthalate	21.97	149	4730053	104.517	ng	99
87) Indeno(1,2,3-cd)pyrene	25.52	276	4083676	76.446	ng	99
88) Benzo(b)fluoranthene	22.70	252	4530705	99.548	ng	100
89) Benzo(k)fluoranthene	22.74	252	4348150	97.580	ng	99
90) Benzo(a)pyrene	23.25	252	3778823	90.949	ng	99
91) Dibenzo(a,h)anthracene	25.53	278	3477034	78.206	ng	100
92) Benzo(g,h,i)perylene	26.18	276	3295772	76.945	ng	99

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

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