Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
Data File : BM024600.D
Acq On : 23 Jan 2020 10:34
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
1/24/2020 1:54:45 PM

Quant Time: Jan 23 15:02:20 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	173202	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	729380	20.00	ng		0.00
39) Acenaphthene-d10	14.09	164	536053	20.00	ng		0.00
64) Phenanthrene-d10	16.84	188	1278422	20.00	ng		0.00
76) Chrysene-d12	21.05	240	1444006	20.00	ng		0.00
87) Perylene-d12	23.16	264	1691771	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	189613	19.50	ng		0.00
7) Phenol-d6	6.63	99	245645	19.00	ng		-0.01
23) Nitrobenzene-d5	8.58	82	294899	19.52	ng		0.00
42) 2,4,6-Tribromophenol	15.59	330	170259	23.09	ng		0.00
45) 2-Fluorobiphenyl	12.70	172	785921	19.63	ng		0.00
79) Terphenyl-d14	19.50	244	1577343	22.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	39907	9.563	ng		98
3) Pyridine	3.46	79	111105	9.202	ng		96
4) n-Nitrosodimethylamine	3.38	42	47953	7.444	ng	#	87
6) Aniline	6.78	93	153057	9.485	ng		99
8) 2-Chlorophenol	7.02	128	107058	9.817	ng		96
9) Benzaldehyde	6.60	77	86734	13.542	ng		95
10) Phenol	6.66	94	126827	9.581	ng		99
11) bis(2-Chloroethyl)ether	6.89	93	99576	9.431	ng		98
12) 1,3-Dichlorobenzene	7.33	146	136408	10.054	ng		93
13) 1,4-Dichlorobenzene	7.48	146	140636	10.255	ng		98
14) 1,2-Dichlorobenzene	7.79	146	134233	10.111	ng		99
15) Benzyl Alcohol	7.68	79	102184	10.065	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.98	45	92672	6.715	ng		98
17) 2-Methylphenol	7.89	107	87648	9.685	ng		97
18) Hexachloroethane	8.51	117	53602	10.554	ng		96
19) n-Nitroso-di-n-propylamine	8.25	70	97358	10.479	ng	#	93
20) 3+4-Methylphenols	8.22	107	118967	9.623	ng		99
22) Acetophenone	8.26	105	186194	9.133	ng	#	97
24) Nitrobenzene	8.62	77	144191	9.741	ng		98
25) Isophorone	9.15	82	249904	9.874	ng		99
26) 2-Nitrophenol	9.33	139	58827	11.353	ng		96
27) 2,4-Dimethylphenol	9.40	122	86344	9.668	ng		97
28) bis(2-Chloroethoxy)methane	9.64	93	153715	9.899	ng		98
29) 2,4-Dichlorophenol	9.86	162	116950	9.975	ng		97
30) 1,2,4-Trichlorobenzene	10.07	180	152984	10.708	ng		97
31) Naphthalene	10.25	128	370889	9.415	ng		99
32) Benzoic acid	9.50	122	62119m	10.818	ng		
33) 4-Chloroaniline	10.36	127	154211	8.829	ng		97
34) Hexachlorobutadiene	10.56	225	106467	11.284	ng		93
35) Caprolactam	11.12	113	34954	9.780	ng		95
36) 4-Chloro-3-methylphenol	11.50	107	123114	10.017	ng		95
37) 2-Methylnaphthalene	11.87	142	280602	9.723	ng		98
38) 1-Methylnaphthalene	12.10	142	272287	9.903	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	190177	10.155	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	104243	10.083	ng	98
43) 2,4,6-Trichlorophenol	12.50	196	115756	10.852	ng	97
44) 2,4,5-Trichlorophenol	12.57	196	115765	10.084	ng	99
46) 1,1'-Biphenyl	12.92	154	399645	9.276	ng	100
47) 2-Chloronaphthalene	12.95	162	322104	9.224	ng	99
48) 2-Nitroaniline	13.16	65	92293	8.709	ng	95
49) Acenaphthylene	13.80	152	480114	9.081	ng	99
50) Dimethylphthalate	13.56	163	434858	9.786	ng	99
51) 2,6-Dinitrotoluene	13.67	165	88905	9.381	ng	96
52) Acenaphthene	14.16	154	299515	9.265	ng	100
53) 3-Nitroaniline	13.99	138	86307	8.343	ng	89
54) 2,4-Dinitrophenol	14.20	184	42923	11.201	ng	97
55) Dibenzofuran	14.49	168	499999	9.556	ng	100
56) 4-Nitrophenol	14.32	139	66530	8.661	ng	95
57) 2,4-Dinitrotoluene	14.46	165	124595	9.209	ng	96
58) Fluorene	15.14	166	407872	9.244	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.73	232	121894	11.414	ng	97
60) Diethylphthalate	14.94	149	440188	9.599	ng	99
61) 4-Chlorophenyl-phenylether	15.16	204	241511	10.015	ng	98
62) 4-Nitroaniline	15.16	138	96095	8.212	ng	92
63) Azobenzene	15.44	77	371860	9.048	ng	97
65) 4,6-Dinitro-2-methylphenol	15.23	198	59378	10.857	ng	97
66) n-Nitrosodiphenylamine	15.37	169	353633	9.354	ng	98
67) 4-Bromophenyl-phenylether	16.04	248	157070	10.182	ng	97
68) Hexachlorobenzene	16.16	284	183894	10.235	ng	95
69) Atrazine	16.33	200	137484	13.196	ng	99
70) Pentachlorophenol	16.50	266	102131	11.259	ng	99
71) Phenanthrene	16.88	178	683921	9.378	ng	99
72) Anthracene	16.97	178	659018	9.221	ng	99
73) Carbazole	17.24	167	598435	8.957	ng	100
74) Di-n-butylphthalate	17.84	149	759265	9.852	ng	100
75) Fluoranthene	18.91	202	856583	9.828	ng	99
77) Benzidine	19.10	184	354419	16.773	ng	99
78) Pyrene	19.27	202	894920	9.404	ng	99
80) Butylbenzylphthalate	20.22	149	345836	10.905	ng	99
81) Benzo(a)anthracene	21.03	228	988916	9.939	ng	100
82) 3,3'-Dichlorobenzidine	20.98	252	337635	11.124	ng	100
83) Chrysene	21.09	228	944724	10.041	ng	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	532537	10.132	ng	100
85) Di-n-octyl phthalate	21.86	149	890190	10.923	ng	100
86) Indeno(1,2,3-cd)pyrene	25.23	276	1177588	12.609	ng	99
88) Benzo(b)fluoranthene	22.54	252	1022277	8.931	ng	99
89) Benzo(k)fluoranthene	22.59	252	999344	9.087	ng	100
90) Benzo(a)pyrene	23.07	252	938480	9.204	ng	100
91) Dibenzo(a,h)anthracene	25.24	278	982396	10.807	ng	99
92) Benzo(g,h,i)perylene	25.85	276	929251	11.313	ng	98

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

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