Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060520\
Data File : BM026282.D
Acq On : 05 Jun 2020 18:05
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM060520

Quant Time: Jun 05 18:39:19 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 18:05:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	147378	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	640978	20.00	ng		0.00
39) Acenaphthene-d10	14.10	164	404420	20.00	ng		0.00
64) Phenanthrene-d10	16.84	188	893319	20.00	ng		0.00
76) Chrysene-d12	21.05	240	925188	20.00	ng		0.00
86) Perylene-d12	23.15	264	812498	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	695438	83.43	ng		0.00
7) Phenol-d6	6.65	99	1022761	84.73	ng		0.00
23) Nitrobenzene-d5	8.59	82	1095738	83.93	ng		0.00
42) 2,4,6-Tribromophenol	15.60	330	423190	86.38	ng		0.00
45) 2-Fluorobiphenyl	12.71	172	2259098	84.79	ng		0.00
79) Terphenyl-d14	19.50	244	3803742	79.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	156632	41.68	ng		99
3) Pyridine	3.44	79	476245	43.14	ng		97
4) n-Nitrosodimethylamine	3.35	42	225925	41.34	ng		99
6) Aniline	6.79	93	681544	43.05	ng		100
8) 2-Chlorophenol	7.02	128	403451	41.96	ng		99
9) Benzaldehyde	6.60	77	268511	34.89	ng		99
10) Phenol	6.67	94	544358	42.35	ng		99
11) bis(2-Chloroethyl)ether	6.89	93	432128	41.74	ng		97
12) 1,3-Dichlorobenzene	7.33	146	442737	41.59	ng		98
13) 1,4-Dichlorobenzene	7.48	146	450376	41.54	ng		99
14) 1,2-Dichlorobenzene	7.79	146	441302	41.67	ng		100
15) Benzyl Alcohol	7.69	79	436564	42.59	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.99	45	805620	41.66	ng		99
17) 2-Methylphenol	7.90	107	398365	42.40	ng		99
18) Hexachloroethane	8.50	117	172532	42.02	ng		99
19) n-Nitroso-di-n-propylamine	8.26	70	403828	42.93	ng		99
20) 3+4-Methylphenols	8.23	107	545027	42.56	ng		99
22) Acetophenone	8.26	105	691962	41.98	ng	#	98
24) Nitrobenzene	8.63	77	571368	41.81	ng		100
25) Isophorone	9.16	82	1037208	42.29	ng		99
26) 2-Nitrophenol	9.33	139	229705	42.47	ng		99
27) 2,4-Dimethylphenol	9.42	122	365474	42.81	ng		98
28) bis(2-Chloroethoxy)methane	9.65	93	587519	42.22	ng		99
29) 2,4-Dichlorophenol	9.87	162	390768	41.71	ng		98
30) 1,2,4-Trichlorobenzene	10.07	180	429487	41.81	ng		96
31) Naphthalene	10.26	128	1356049	41.98	ng		99
32) Benzoic acid	9.59	122	276608	41.12	ng		98
33) 4-Chloroaniline	10.37	127	594146	42.17	ng		99
34) Hexachlorobutadiene	10.55	225	269267	41.52	ng		98
35) Caprolactam	11.17	113	144942	44.04	ng		97
36) 4-Chloro-3-methylphenol	11.52	107	482521	42.27	ng		99
37) 2-Methylnaphthalene	11.88	142	976357	42.42	ng		99
38) 1-Methylnaphthalene	12.10	142	912485	41.85	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	488274	42.41	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	281794	41.54	ng	99
43) 2,4,6-Trichlorophenol	12.51	196	334586	42.94	ng	99
44) 2,4,5-Trichlorophenol	12.59	196	389264	43.04	ng	98
46) 1,1'-Biphenyl	12.92	154	1206880	42.57	ng	100
47) 2-Chloronaphthalene	12.96	162	969970	42.12	ng	99
48) 2-Nitroaniline	13.17	65	393380	43.10	ng	98
49) Acenaphthylene	13.81	152	1572555	42.69	ng	100
50) Dimethylphthalate	13.57	163	1263482	42.71	ng	100
51) 2,6-Dinitrotoluene	13.69	165	275738	42.48	ng	99
52) Acenaphthene	14.16	154	947179	42.83	ng	99
53) 3-Nitroaniline	14.02	138	317448	43.92	ng	98
54) 2,4-Dinitrophenol	14.23	184	170335	43.18	ng	98
55) Dibenzofuran	14.50	168	1514934	42.52	ng	100
56) 4-Nitrophenol	14.34	139	251659	43.90	ng	97
57) 2,4-Dinitrotoluene	14.48	165	396254	43.91	ng	100
58) Fluorene	15.15	166	1231901	42.57	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.73	232	335928	43.42	ng	98
60) Diethylphthalate	14.95	149	1291938	42.88	ng	99
61) 4-Chlorophenyl-phenylether	15.16	204	646583	42.12	ng	100
62) 4-Nitroaniline	15.19	138	340890	44.22	ng	97
63) Azobenzene	15.45	77	1411204	42.81	ng	99
65) 4,6-Dinitro-2-methylphenol	15.25	198	230302	42.40	ng	96
66) n-Nitrosodiphenylamine	15.37	169	1080296	41.74	ng	99
67) 4-Bromophenyl-phenylether	16.05	248	406973	41.38	ng	99
68) Hexachlorobenzene	16.16	284	427193	41.63	ng	98
69) Atrazine	16.34	200	354784	45.89	ng	100
70) Pentachlorophenol	16.51	266	264851	42.86	ng	98
71) Phenanthrene	16.89	178	1953307	41.99	ng	100
72) Anthracene	16.98	178	1956613	42.14	ng	100
73) Carbazole	17.26	167	1893787	43.01	ng	100
74) Di-n-butylphthalate	17.84	149	2239383	43.13	ng	100
75) Fluoranthene	18.92	202	2328413	43.66	ng	100
77) Benzidine	19.11	184	834918	43.45	ng	99
78) Pyrene	19.28	202	2424860	39.67	ng	99
80) Butylbenzylphthalate	20.21	149	1033090	41.79	ng	100
81) Benzo(a)anthracene	21.03	228	2337832	42.10	ng	99
82) 3,3'-Dichlorobenzidine	20.98	252	759320	44.19	ng	99
83) Chrysene	21.09	228	2255677	42.62	ng	100
84) Bis(2-ethylhexyl)phthalate	21.00	149	1509368	42.82	ng	99
85) Di-n-octyl phthalate	21.85	149	2435179	44.78	ng	100
87) Indeno(1,2,3-cd)pyrene	25.21	276	1873834	39.87	ng	100
88) Benzo(b)fluoranthene	22.54	252	2112695	43.23	ng	100
89) Benzo(k)fluoranthene	22.58	252	2054095	43.26	ng	100
90) Benzo(a)pyrene	23.06	252	1858910	42.82	ng	99
91) Dibenzo(a,h)anthracene	25.23	278	1569862	40.01	ng	99
92) Benzo(g,h,i)perylene	25.84	276	1460855	39.12	ng	99

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

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