Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
Data File : BM024116.D
Acq On : 16 Dec 2019 19:53
Operator : JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Manual Integrations APPROVED
mohammad
12/17/2019 3:20:28 PM

Quant Time: Dec 17 02:58:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 19:58:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	361639	20.00	ng	0.00
21) Naphthalene-d8	10.23	136	1624589	20.00	ng	0.00
39) Acenaphthene-d10	14.12	164	1098957	20.00	ng	0.00
64) Phenanthrene-d10	16.87	188	2379716	20.00	ng	0.00
76) Chrysene-d12	21.09	240	2421096	20.00	ng	0.00
87) Perylene-d12	23.21	264	2762696	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1596464	77.50	ng	0.00
7) Phenol-d6	6.66	99	2440263	77.93	ng	0.00
23) Nitrobenzene-d5	8.62	82	2614259	75.62	ng	0.00
42) 2,4,6-Tribromophenol	15.62	330	1202135	75.59	ng	0.00
45) 2-Fluorobiphenyl	12.73	172	5986327	75.78	ng	0.00
79) Terphenyl-d14	19.53	244	10139136	82.70	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	334574	38.133	ng	# 100
3) Pyridine	3.43	79	1043413	42.236	ng	99
4) n-Nitrosodimethylamine	3.35	42	305080	37.475	ng	94
6) Aniline	6.80	93	1583064	39.673	ng	99
8) 2-Chlorophenol	7.03	128	937082	38.799	ng	100
9) Benzaldehyde	6.62	77	593887	38.223	ng	100
10) Phenol	6.68	94	1266673	38.956	ng	99
11) bis(2-Chloroethyl)ether	6.90	93	973369	38.467	ng	98
12) 1,3-Dichlorobenzene	7.35	146	1064132	38.712	ng	99
13) 1,4-Dichlorobenzene	7.49	146	1079816	38.640	ng	99
14) 1,2-Dichlorobenzene	7.80	146	1060025	38.750	ng	98
15) Benzyl Alcohol	7.71	79	958756	39.209	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.00	45	1181768	37.906	ng	99
17) 2-Methylphenol	7.92	107	858219	39.111	ng	99
18) Hexachloroethane	8.52	117	399473	38.444	ng	99
19) n-Nitroso-di-n-propylamine	8.27	70	917272	39.274	ng	99
20) 3+4-Methylphenols	8.25	107	1190676	39.108	ng	98
22) Acetophenone	8.29	105	1682995	38.089	ng	99
24) Nitrobenzene	8.66	77	1277293	37.745	ng	98
25) Isophorone	9.18	82	2373994	38.194	ng	99
26) 2-Nitrophenol	9.36	139	569036	38.537	ng	99
27) 2,4-Dimethylphenol	9.43	122	816621	38.199	ng	100
28) bis(2-Chloroethoxy)methane	9.67	93	1498131	37.893	ng	98
29) 2,4-Dichlorophenol	9.89	162	969749	38.018	ng	99
30) 1,2,4-Trichlorobenzene	10.10	180	1092676	37.794	ng	99
31) Naphthalene	10.27	128	3277470	37.976	ng	100
32) Benzoic acid	9.62	122	714137	36.883	ng	100
33) 4-Chloroaniline	10.40	127	1471552	38.460	ng	99
34) Hexachlorobutadiene	10.56	225	621289	37.268	ng	99
35) Caprolactam	11.22	113	372215m	38.854	ng	
36) 4-Chloro-3-methylphenol	11.55	107	1164834	38.315	ng	99
37) 2-Methylnaphthalene	11.90	142	2441958	38.014	ng	100
38) 1-Methylnaphthalene	12.13	142	2344945	38.187	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.29	216	1219942	37.102	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	425865	35.870	ng		99
43) 2,4,6-Trichlorophenol	12.54	196	843554	37.863	ng		99
44) 2,4,5-Trichlorophenol	12.62	196	873096	38.396	ng		97
46) 1,1'-Biphenyl	12.94	154	3321820	37.729	ng		99
47) 2-Chloronaphthalene	12.98	162	2608731	37.514	ng		100
48) 2-Nitroaniline	13.20	65	879087	37.907	ng		97
49) Acenaphthylene	13.84	152	4081388	37.846	ng		99
50) Dimethylphthalate	13.60	163	3377462	37.648	ng		100
51) 2,6-Dinitrotoluene	13.72	165	737711	37.866	ng		95
52) Acenaphthene	14.19	154	2477927	37.511	ng		99
53) 3-Nitroaniline	14.04	138	820586	38.029	ng		96
54) 2,4-Dinitrophenol	14.26	184	398346	36.833	ng		98
55) Dibenzofuran	14.52	168	3909639	37.523	ng		100
56) 4-Nitrophenol	14.37	139	617384	38.988	ng		98
57) 2,4-Dinitrotoluene	14.52	165	1041422	37.799	ng		97
58) Fluorene	15.18	166	3263356	37.635	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.76	232	806524	38.361	ng		99
60) Diethylphthalate	14.97	149	3456448	37.984	ng		99
61) 4-Chlorophenyl-phenylether	15.18	204	1600925	37.164	ng		98
62) 4-Nitroaniline	15.22	138	813286	37.697	ng		99
63) Azobenzene	15.47	77	3321507	37.548	ng		100
65) 4,6-Dinitro-2-methylphenol	15.29	198	533429	37.895	ng		97
66) n-Nitrosodiphenylamine	15.40	169	2823139	37.766	ng		100
67) 4-Bromophenyl-phenylether	16.07	248	1066603	37.976	ng		99
68) Hexachlorobenzene	16.19	284	1280164	37.551	ng		99
69) Atrazine	16.36	200	747757	39.033	ng		99
70) Pentachlorophenol	16.53	266	641141	39.646	ng		99
71) Phenanthrene	16.92	178	5229185	38.198	ng		99
72) Anthracene	17.01	178	5109964	38.506	ng		100
73) Carbazole	17.29	167	4839910	38.409	ng		100
74) Di-n-butylphthalate	17.86	149	5951319	39.679	ng		100
75) Fluoranthene	18.94	202	6016033	38.824	ng		99
77) Benzidine	19.14	184	1982611	47.708	ng		99
78) Pyrene	19.31	202	6193989	38.745	ng		100
80) Butylbenzylphthalate	20.24	149	2831758	37.971	ng		96
81) Benzo(a)anthracene	21.07	228	6099993	38.368	ng		100
82) 3,3'-Dichlorobenzidine	21.01	252	2252858	38.857	ng		99
83) Chrysene	21.12	228	5879838	38.630	ng		100
84) Bis(2-ethylhexyl)phthalate	21.02	149	4012247	37.997	ng		99
85) Di-n-octyl phthalate	21.88	149	6711065	40.006	ng		100
86) Indeno(1,2,3-cd)pyrene	25.33	276	7086498	37.098	ng	#	100
88) Benzo(b)fluoranthene	22.59	252	6584907	37.813	ng		99
89) Benzo(k)fluoranthene	22.63	252	6465948	38.504	ng		99
90) Benzo(a)pyrene	23.13	252	6031095	37.559	ng		100
91) Dibenzo(a,h)anthracene	25.34	278	5888220	37.501	ng		100
92) Benzo(g,h,i)perylene	25.97	276	5461951	37.009	ng		99

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

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