Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
Data File : BM024112.D
Acq On : 16 Dec 2019 17:21
Operator : JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

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

Quant Time: Dec 16 18:02:20 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 17:25:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	375558	20.00	ng	0.00
21) Naphthalene-d8	10.23	136	1631163	20.00	ng	0.00
39) Acenaphthene-d10	14.12	164	1073043	20.00	ng	0.00
64) Phenanthrene-d10	16.87	188	2320269	20.00	ng	0.00
76) Chrysene-d12	21.09	240	2350908	20.00	ng	0.00
87) Perylene-d12	23.22	264	2748986	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	2137168	90.25	ng	0.00
7) Phenol-d6	6.66	99	3279979	107.84	ng	0.00
23) Nitrobenzene-d5	8.61	82	3512349	119.53	ng	0.00
42) 2,4,6-Tribromophenol	15.62	330	1584241	118.27	ng	0.00
45) 2-Fluorobiphenyl	12.73	172	7896775	101.34	ng	0.00
79) Terphenyl-d14	19.53	244	12037915	99.15	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	452389	47.478	ng	# 100
3) Pyridine	3.43	79	1222529	48.676	ng	99
4) n-Nitrosodimethylamine	3.35	42	430987	47.138	ng	99
6) Aniline	6.80	93	2107870	57.799	ng	99
8) 2-Chlorophenol	7.03	128	1264388	52.406	ng	98
9) Benzaldehyde	6.61	77	766547	44.263	ng	97
10) Phenol	6.68	94	1702615	59.462	ng	98
11) bis(2-Chloroethyl)ether	6.90	93	1318727	58.619	ng	99
12) 1,3-Dichlorobenzene	7.35	146	1424539	49.401	ng	99
13) 1,4-Dichlorobenzene	7.49	146	1448350	49.613	ng	99
14) 1,2-Dichlorobenzene	7.80	146	1412963	50.768	ng	99
15) Benzyl Alcohol	7.71	79	1300259	68.322	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.99	45	1613152	49.363	ng	100
17) 2-Methylphenol	7.92	107	1147753	60.558	ng	99
18) Hexachloroethane	8.52	117	544695	50.872	ng	97
19) n-Nitroso-di-n-propylamine	8.27	70	1222622	71.987	ng	98
20) 3+4-Methylphenols	8.25	107	1607921	63.695	ng	99
22) Acetophenone	8.28	105	2251240	55.912	ng	# 99
24) Nitrobenzene	8.65	77	1716587	61.055	ng	99
25) Isophorone	9.18	82	3180312	65.823	ng	99
26) 2-Nitrophenol	9.36	139	759083	62.541	ng	99
27) 2,4-Dimethylphenol	9.43	122	1093548	53.818	ng	100
28) bis(2-Chloroethoxy)methane	9.66	93	2013503	60.223	ng	99
29) 2,4-Dichlorophenol	9.89	162	1310953	57.065	ng	99
30) 1,2,4-Trichlorobenzene	10.09	180	1465866	51.863	ng	99
31) Naphthalene	10.27	128	4355280	54.038	ng	99
32) Benzoic acid	9.63	122	952070	72.801	ng	98
33) 4-Chloroaniline	10.40	127	1950702	55.745	ng	99
34) Hexachlorobutadiene	10.56	225	837026	49.679	ng	100
35) Caprolactam	11.22	113	494141m	72.555	ng	
36) 4-Chloro-3-methylphenol	11.55	107	1550387	69.173	ng	99
37) 2-Methylnaphthalene	11.90	142	3246584	57.870	ng	99
38) 1-Methylnaphthalene	12.13	142	3102030	58.251	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.28	216	1617217	44.479	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	621317	31.320	ng		99
43) 2,4,6-Trichlorophenol	12.54	196	1120028	53.373	ng		99
44) 2,4,5-Trichlorophenol	12.61	196	1146002	52.405	ng		98
46) 1,1'-Biphenyl	12.94	154	4343137	48.904	ng		100
47) 2-Chloronaphthalene	12.98	162	3429235	51.807	ng		100
48) 2-Nitroaniline	13.20	65	1172315	68.014	ng		96
49) Acenaphthylene	13.83	152	5351711	54.597	ng		100
50) Dimethylphthalate	13.60	163	4426593	57.083	ng		100
51) 2,6-Dinitrotoluene	13.72	165	961994	59.307	ng		95
52) Acenaphthene	14.19	154	3266416	50.936	ng		99
53) 3-Nitroaniline	14.05	138	1078349	57.747	ng		97
54) 2,4-Dinitrophenol	14.26	184	545514	71.228	ng		99
55) Dibenzofuran	14.52	168	5113780	54.622	ng		99
56) 4-Nitrophenol	14.37	139	811299	56.525	ng		99
57) 2,4-Dinitrotoluene	14.52	165	1388969	65.363	ng		98
58) Fluorene	15.17	166	4274736	56.189	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.76	232	1044737	54.779	ng		100
60) Diethylphthalate	14.97	149	4495740	59.624	ng		99
61) 4-Chlorophenyl-phenylether	15.18	204	2129953	54.488	ng		100
62) 4-Nitroaniline	15.22	138	1091431	55.749	ng		99
63) Azobenzene	15.47	77	4373046	64.223	ng		100
65) 4,6-Dinitro-2-methylphenol	15.29	198	718553	66.126	ng		98
66) n-Nitrosodiphenylamine	15.40	169	3684739	51.983	ng		100
67) 4-Bromophenyl-phenylether	16.07	248	1385654	53.693	ng		98
68) Hexachlorobenzene	16.19	284	1676164	55.694	ng		100
69) Atrazine	16.36	200	836448	36.299	ng		98
70) Pentachlorophenol	16.53	266	826385	51.488	ng		99
71) Phenanthrene	16.92	178	6795978	51.908	ng		100
72) Anthracene	17.01	178	6636083	52.300	ng		99
73) Carbazole	17.29	167	6263725	53.049	ng		100
74) Di-n-butylphthalate	17.86	149	7733227	57.761	ng		100
75) Fluoranthene	18.94	202	7829616	52.997	ng		99
77) Benzidine	19.14	184	1951890	30.265	ng		99
78) Pyrene	19.31	202	8018100	52.043	ng		100
80) Butylbenzylphthalate	20.24	149	3736157	63.808	ng		95
81) Benzo(a)anthracene	21.07	228	7967692	52.293	ng		100
82) 3,3'-Dichlorobenzidine	21.01	252	2892760	53.536	ng		99
83) Chrysene	21.12	228	7588379	51.372	ng		100
84) Bis(2-ethylhexyl)phthalate	21.02	149	5284478	60.911	ng		99
85) Di-n-octyl phthalate	21.88	149	8824760	63.822	ng		100
86) Indeno(1,2,3-cd)pyrene	25.34	276	9600229	54.452	ng	#	100
88) Benzo(b)fluoranthene	22.59	252	8729776	52.449	ng		99
89) Benzo(k)fluoranthene	22.63	252	8440472	51.108	ng		99
90) Benzo(a)pyrene	23.13	252	8072321	52.633	ng		99
91) Dibenzo(a,h)anthracene	25.34	278	7984141	49.768	ng		99
92) Benzo(g,h,i)perylene	25.98	276	7451799	48.905	ng		99

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

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