Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
Data File : BM022782.D
Acq On : 25 Sep 2019 21:33
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
9/26/2019 3:55:12 PM

Quant Time: Sep 26 06:50:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 16:34:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	204121	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	818070	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	484839	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	962265	20.00	ng	0.00
76) Chrysene-d12	21.37	240	929997	20.00	ng	0.00
87) Perylene-d12	23.64	264	1030743	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	990165	76.93	ng	0.00
7) Phenol-d6	6.99	99	1281559	77.53	ng	0.00
23) Nitrobenzene-d5	8.97	82	1131095	76.75	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	528041	87.24	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	2763755	78.50	ng	0.00
79) Terphenyl-d14	19.82	244	3977701	82.82	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	184613	35.648	ng	# 100
3) Pyridine	3.72	79	518819	38.007	ng	99
4) n-Nitrosodimethylamine	3.62	42	182342	36.693	ng	# 98
6) Aniline	7.15	93	759798	38.332	ng	100
8) 2-Chlorophenol	7.39	128	517930	39.497	ng	98
9) Benzaldehyde	6.96	77	351404	37.333	ng	99
10) Phenol	7.01	94	595565	38.268	ng	99
11) bis(2-Chloroethyl)ether	7.25	93	472689	38.659	ng	98
12) 1,3-Dichlorobenzene	7.71	146	615977	39.302	ng	100
13) 1,4-Dichlorobenzene	7.86	146	616817	38.875	ng	99
14) 1,2-Dichlorobenzene	8.17	146	592123	39.144	ng	99
15) Benzyl Alcohol	8.06	79	415022	40.123	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.35	45	672147	37.843	ng	100
17) 2-Methylphenol	8.26	107	409989	39.800	ng	99
18) Hexachloroethane	8.90	117	216816	37.257	ng	98
19) n-Nitroso-di-n-propylamine	8.63	70	362130	39.230	ng	98
20) 3+4-Methylphenols	8.59	107	550939	40.155	ng	98
22) Acetophenone	8.64	105	759613	37.617	ng	99
24) Nitrobenzene	9.02	77	532702	37.779	ng	98
25) Isophorone	9.55	82	970331	40.044	ng	99
26) 2-Nitrophenol	9.72	139	263949	43.361	ng	98
27) 2,4-Dimethylphenol	9.79	122	407490	39.987	ng	99
28) bis(2-Chloroethoxy)methane	10.02	93	660170	39.370	ng	100
29) 2,4-Dichlorophenol	10.26	162	482944	41.917	ng	99
30) 1,2,4-Trichlorobenzene	10.47	180	569865	40.201	ng	100
31) Naphthalene	10.66	128	1577176	39.019	ng	100
32) Benzoic acid	9.92	122	334188	47.762	ng	96
33) 4-Chloroaniline	10.77	127	691828	39.420	ng	99
34) Hexachlorobutadiene	10.96	225	349932	41.412	ng	100
35) Caprolactam	11.56	113	148865m	43.583	ng	
36) 4-Chloro-3-methylphenol	11.89	107	461613	41.066	ng	99
37) 2-Methylnaphthalene	12.27	142	1118446	39.751	ng	100
38) 1-Methylnaphthalene	12.49	142	1063209	39.809	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	636977	38.773	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	223701	24.957	ng		98
43) 2,4,6-Trichlorophenol	12.89	196	402659	42.466	ng		98
44) 2,4,5-Trichlorophenol	12.96	196	408495	41.342	ng		98
46) 1,1'-Biphenyl	13.29	154	1528393	38.089	ng		100
47) 2-Chloronaphthalene	13.33	162	1156681	38.674	ng		99
48) 2-Nitroaniline	13.53	65	308593	39.624	ng		98
49) Acenaphthylene	14.17	152	1741094	39.312	ng		100
50) Dimethylphthalate	13.91	163	1388252	39.621	ng		100
51) 2,6-Dinitrotoluene	14.02	165	294293	40.154	ng		99
52) Acenaphthene	14.52	154	1103691	38.091	ng		100
53) 3-Nitroaniline	14.35	138	333493	39.526	ng		99
54) 2,4-Dinitrophenol	14.56	184	88161	27.221	ng		94
55) Dibenzofuran	14.85	168	1644196	38.869	ng		99
56) 4-Nitrophenol	14.66	139	258328	39.834	ng		98
57) 2,4-Dinitrotoluene	14.81	165	393407	40.974	ng		100
58) Fluorene	15.50	166	1343289	39.078	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	369219	42.846	ng		96
60) Diethylphthalate	15.27	149	1414446	41.517	ng		100
61) 4-Chlorophenyl-phenylether	15.50	204	711258	40.270	ng		99
62) 4-Nitroaniline	15.52	138	352666	39.868	ng		99
63) Azobenzene	15.79	77	1207993	39.264	ng		99
65) 4,6-Dinitro-2-methylphenol	15.57	198	123780	28.700	ng		95
66) n-Nitrosodiphenylamine	15.70	169	1152533	39.206	ng		99
67) 4-Bromophenyl-phenylether	16.39	248	443852	41.471	ng		98
68) Hexachlorobenzene	16.50	284	501753	40.200	ng		99
69) Atrazine	16.66	200	398168	41.665	ng		100
70) Pentachlorophenol	16.84	266	290591	43.656	ng		99
71) Phenanthrene	17.23	178	2082406	38.353	ng		100
72) Anthracene	17.33	178	2066740	39.275	ng		100
73) Carbazole	17.59	167	1888190	38.560	ng		99
74) Di-n-butylphthalate	18.16	149	2494338	44.924	ng		100
75) Fluoranthene	19.25	202	2373957	38.746	ng		98
77) Benzidine	19.43	184	1189453	46.621	ng		100
78) Pyrene	19.61	202	2428874	39.852	ng		99
80) Butylbenzylphthalate	20.51	149	1105476	47.726	ng		98
81) Benzo(a)anthracene	21.36	228	2374308	39.392	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	950902	44.486	ng		98
83) Chrysene	21.41	228	2271537	38.873	ng		100
84) Bis(2-ethylhexyl)phthalate	21.29	149	1682216	49.015	ng		99
85) Di-n-octyl phthalate	22.17	149	2747503	50.230	ng		98
86) Indeno(1,2,3-cd)pyrene	25.96	276	2764869	39.642	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	2471029	39.595	ng		99
89) Benzo(k)fluoranthene	23.00	252	2241445	36.197	ng		100
90) Benzo(a)pyrene	23.54	252	2232588	38.823	ng		99
91) Dibenzo(a,h)anthracene	25.97	278	2282023	37.937	ng		99
92) Benzo(g,h,i)perylene	26.66	276	2189197	38.318	ng		98

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

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