Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013019\
Data File : BM018693.D
Acq On : 30 Jan 2019 13:33
Operator : JU/SJ
Sample : PB116705BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB116705BS

Manual Integrations APPROVED
mohammad
2/1/2019 12:05:04 AM

Quant Time: Jan 30 14:19:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	270778	20.00	ng		-0.02
21) Naphthalene-d8	10.51	136	1023500	20.00	ng		-0.02
39) Acenaphthene-d10	14.37	164	523077	20.00	ng		-0.01
64) Phenanthrene-d10	17.13	188	1021183	20.00	ng		-0.01
76) Chrysene-d12	21.32	240	868052	20.00	ng		-0.01
87) Perylene-d12	23.59	264	875734	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	2050112	139.80	ng		-0.01
7) Phenol-d6	6.90	99	2513190	134.93	ng		-0.01
23) Nitrobenzene-d5	8.89	82	1380279	78.18	ng		-0.01
42) 2,4,6-Tribromophenol	15.87	330	864427	129.79	ng		-0.02
45) 2-Fluorobiphenyl	12.99	172	3261172	81.35	ng		-0.02
79) Terphenyl-d14	19.76	244	3815321	92.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	214452	35.880	ng		97
3) Pyridine	3.66	79	551308	36.998	ng		98
4) n-Nitrosodimethylamine	3.58	42	277721	45.071	ng	#	94
6) Aniline	7.06	93	694806	33.442	ng		98
8) 2-Chlorophenol	7.29	128	701965	40.986	ng		95
9) Benzaldehyde	6.88	77	146918	11.274	ng		99
10) Phenol	6.93	94	748566	39.551	ng		99
11) bis(2-Chloroethyl)ether	7.16	93	559708	37.636	ng		96
12) 1,3-Dichlorobenzene	7.61	146	766599	37.585	ng		98
13) 1,4-Dichlorobenzene	7.76	146	785332	37.988	ng		99
14) 1,2-Dichlorobenzene	8.07	146	744846	37.998	ng		98
15) Benzyl Alcohol	7.97	79	522031	38.805	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	715321	37.638	ng		93
17) 2-Methylphenol	8.17	107	509786	39.680	ng		98
18) Hexachloroethane	8.79	117	275948	37.437	ng		98
19) n-Nitroso-di-n-propylamine	8.53	70	429113	35.402	ng		93
20) 3+4-Methylphenols	8.50	107	682035	38.456	ng		96
22) Acetophenone	8.55	105	914483	36.119	ng	#	97
24) Nitrobenzene	8.93	77	667189	38.407	ng		97
25) Isophorone	9.45	82	1115004	41.705	ng		98
26) 2-Nitrophenol	9.63	139	348342	41.470	ng		97
27) 2,4-Dimethylphenol	9.69	122	568387	45.145	ng		99
28) bis(2-Chloroethoxy)methane	9.93	93	728993	39.471	ng		97
29) 2,4-Dichlorophenol	10.16	162	601497	40.121	ng		100
30) 1,2,4-Trichlorobenzene	10.37	180	708092	38.052	ng		99
31) Naphthalene	10.56	128	2017563	40.931	ng		99
32) Benzoic acid	9.83	122	368787m	44.113	ng		
33) 4-Chloroaniline	10.69	127	323110	16.644	ng		99
34) Hexachlorobutadiene	10.83	225	435452	37.041	ng		99
35) Caprolactam	11.49	113	147519m	28.941	ng		
36) 4-Chloro-3-methylphenol	11.81	107	585120	37.201	ng		98
37) 2-Methylnaphthalene	12.18	142	1433935	41.174	ng		99
38) 1-Methylnaphthalene	12.40	142	1350776	40.085	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	745858	40.776	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	980335	97.652	ng		99
43) 2,4,6-Trichlorophenol	12.80	196	466154	41.966	ng		100
44) 2,4,5-Trichlorophenol	12.87	196	485873	41.591	ng		99
46) 1,1'-Biphenyl	13.20	154	1763740	38.617	ng		99
47) 2-Chloronaphthalene	13.25	162	1369448	38.666	ng		100
48) 2-Nitroaniline	13.46	65	320217	36.750	ng		95
49) Acenaphthylene	14.10	152	2131032	41.288	ng		100
50) Dimethylphthalate	13.84	163	1565973	36.453	ng		99
51) 2,6-Dinitrotoluene	13.96	165	341823	37.564	ng		95
52) Acenaphthene	14.44	154	1220297	38.641	ng		99
53) 3-Nitroaniline	14.30	138	194964	21.252	ng		97
54) 2,4-Dinitrophenol	14.50	184	323311	66.925	ng		90
55) Dibenzofuran	14.77	168	1936790	37.118	ng		99
56) 4-Nitrophenol	14.60	139	536319	67.671	ng		96
57) 2,4-Dinitrotoluene	14.75	165	452495	35.145	ng		100
58) Fluorene	15.43	166	1516246	39.008	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	414691	40.048	ng		98
60) Diethylphthalate	15.20	149	1532674	35.341	ng		99
61) 4-Chlorophenyl-phenylether	15.42	204	789895	35.258	ng		98
62) 4-Nitroaniline	15.46	138	277812	27.763	ng		99
63) Azobenzene	15.72	77	1271872	35.971	ng		97
65) 4,6-Dinitro-2-methylphenol	15.51	198	219164	35.281	ng		92
66) n-Nitrosodiphenylamine	15.64	169	1292584	40.806	ng		99
67) 4-Bromophenyl-phenylether	16.32	248	459075	40.172	ng		98
68) Hexachlorobenzene	16.42	284	503304	39.342	ng		97
69) Atrazine	16.60	200	432415	37.760	ng		98
70) Pentachlorophenol	16.77	266	571963	68.266	ng		98
71) Phenanthrene	17.17	178	2200683	40.516	ng		99
72) Anthracene	17.26	178	2221694	42.536	ng		100
73) Carbazole	17.53	167	1884194	35.112	ng		99
74) Di-n-butylphthalate	18.09	149	2275246	38.708	ng		100
75) Fluoranthene	19.19	202	2312008	36.920	ng		98
77) Benzidine	19.39	184	879063	41.014	ng		100
78) Pyrene	19.55	202	2343936	45.554	ng		99
80) Butylbenzylphthalate	20.46	149	908203	41.365	ng		99
81) Benzo(a)anthracene	21.30	228	2120148	41.459	ng		100
82) 3,3'-Dichlorobenzidine	21.24	252	600026	31.029	ng		100
83) Chrysene	21.36	228	2010715	40.718	ng		99
84) Bis(2-ethylhexyl)phthalate	21.23	149	1272660	40.141	ng		99
85) Di-n-octyl phthalate	22.12	149	2095735	39.302	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.89	276	2636696	46.305	ng		97
88) Benzo(b)fluoranthene	22.90	252	2066618	41.567	ng		99
89) Benzo(k)fluoranthene	22.95	252	2033230	40.580	ng		98
90) Benzo(a)pyrene	23.49	252	2044170	42.947	ng		98
91) Dibenzo(a,h)anthracene	25.90	278	2227050	46.178	ng		98
92) Benzo(g,h,i)perylene	26.60	276	2176247	46.370	ng		97

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

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