Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012919\
Data File : BM018681.D
Acq On : 29 Jan 2019 17:22
Operator : JU/SJ
Sample : PB116697BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB116697BS

Manual Integrations APPROVED
mohammad
1/30/2019 11:10:34 AM

Quant Time: Jan 29 18:05:57 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	231470	20.00	ng		-0.02
21) Naphthalene-d8	10.52	136	856098	20.00	ng		-0.01
39) Acenaphthene-d10	14.37	164	433594	20.00	ng		-0.01
64) Phenanthrene-d10	17.13	188	875839	20.00	ng		-0.01
76) Chrysene-d12	21.32	240	797471	20.00	ng		-0.01
87) Perylene-d12	23.59	264	769783	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1823942	145.50	ng		-0.01
7) Phenol-d6	6.90	99	2261070	142.01	ng		-0.01
23) Nitrobenzene-d5	8.89	82	1318258	89.27	ng		-0.01
42) 2,4,6-Tribromophenol	15.87	330	728440	131.94	ng		-0.02
45) 2-Fluorobiphenyl	12.99	172	2719003	81.83	ng		-0.01
79) Terphenyl-d14	19.76	244	3388557	89.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	218518	42.769	ng	#	83
3) Pyridine	3.66	79	577694	45.352	ng	#	77
4) n-Nitrosodimethylamine	3.58	42	187408	35.579	ng	#	53
6) Aniline	7.06	93	635606	35.787	ng		100
8) 2-Chlorophenol	7.29	128	583116	39.829	ng		98
9) Benzaldehyde	6.88	77	147254	13.419	ng		90
10) Phenol	6.93	94	688438	42.551	ng		98
11) bis(2-Chloroethyl)ether	7.16	93	519989	40.903	ng		94
12) 1,3-Dichlorobenzene	7.61	146	670816	38.474	ng		96
13) 1,4-Dichlorobenzene	7.76	146	680821	38.526	ng		98
14) 1,2-Dichlorobenzene	8.07	146	642725	38.356	ng		99
15) Benzyl Alcohol	7.97	79	504002	43.827	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.25	45	458714	28.235	ng		75
17) 2-Methylphenol	8.17	107	453614	41.304	ng		97
18) Hexachloroethane	8.79	117	247194	39.231	ng		98
19) n-Nitroso-di-n-propylamine	8.53	70	428204	41.327	ng	#	76
20) 3+4-Methylphenols	8.50	107	609818	40.223	ng		97
22) Acetophenone	8.55	105	809229	38.211	ng	#	91
24) Nitrobenzene	8.93	77	645646	44.434	ng		95
25) Isophorone	9.45	82	1061552	47.470	ng		98
26) 2-Nitrophenol	9.64	139	288872	41.115	ng		97
27) 2,4-Dimethylphenol	9.69	122	478457	45.433	ng		95
28) bis(2-Chloroethoxy)methane	9.93	93	670338	43.392	ng		97
29) 2,4-Dichlorophenol	10.16	162	508696	40.566	ng		98
30) 1,2,4-Trichlorobenzene	10.37	180	597713	38.401	ng		98
31) Naphthalene	10.56	128	1707278	41.409	ng		100
32) Benzoic acid	9.83	122	300065m	43.089	ng		
33) 4-Chloroaniline	10.69	127	265033	16.322	ng		97
34) Hexachlorobutadiene	10.83	225	374857	38.122	ng		99
35) Caprolactam	11.50	113	127364m	29.873	ng		
36) 4-Chloro-3-methylphenol	11.81	107	509236	38.707	ng		95
37) 2-Methylnaphthalene	12.18	142	1195615	41.044	ng		99
38) 1-Methylnaphthalene	12.40	142	1127515	40.003	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	622601	41.062	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	834312	100.258	ng		99
43) 2,4,6-Trichlorophenol	12.80	196	382788	41.573	ng		99
44) 2,4,5-Trichlorophenol	12.87	196	403025	41.619	ng		100
46) 1,1'-Biphenyl	13.20	154	1456619	38.475	ng		100
47) 2-Chloronaphthalene	13.25	162	1135485	38.677	ng		100
48) 2-Nitroaniline	13.46	65	296403	41.037	ng		96
49) Acenaphthylene	14.10	152	1757191	41.071	ng		100
50) Dimethylphthalate	13.84	163	1312695	36.863	ng		100
51) 2,6-Dinitrotoluene	13.96	165	287371	38.098	ng		97
52) Acenaphthene	14.44	154	1006534	38.450	ng		99
53) 3-Nitroaniline	14.30	138	165253	21.731	ng		93
54) 2,4-Dinitrophenol	14.50	184	296834	73.351	ng		97
55) Dibenzofuran	14.77	168	1619676	37.446	ng		98
56) 4-Nitrophenol	14.60	139	465944	70.924	ng		90
57) 2,4-Dinitrotoluene	14.75	165	379038	35.515	ng		92
58) Fluorene	15.43	166	1266705	39.313	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.00	232	346919	40.417	ng		99
60) Diethylphthalate	15.20	149	1291052	35.914	ng		100
61) 4-Chlorophenyl-phenylether	15.42	204	664342	35.774	ng		98
62) 4-Nitroaniline	15.47	138	241512	29.116	ng		96
63) Azobenzene	15.72	77	1219899	41.621	ng		93
65) 4,6-Dinitro-2-methylphenol	15.51	198	198214	36.910	ng		89
66) n-Nitrosodiphenylamine	15.64	169	1091838	40.188	ng		99
67) 4-Bromophenyl-phenylether	16.32	248	379881	38.759	ng		97
68) Hexachlorobenzene	16.42	284	423924	38.636	ng		98
69) Atrazine	16.60	200	367962	37.464	ng		98
70) Pentachlorophenol	16.77	266	501337	69.766	ng		98
71) Phenanthrene	17.17	178	1880405	40.364	ng		100
72) Anthracene	17.26	178	1887051	42.124	ng		100
73) Carbazole	17.54	167	1645874	35.761	ng		99
74) Di-n-butylphthalate	18.09	149	1949497	38.670	ng		100
75) Fluoranthene	19.19	202	2036909	37.924	ng		98
77) Benzidine	19.39	184	925628	47.008	ng		99
78) Pyrene	19.56	202	2091614	44.248	ng		100
80) Butylbenzylphthalate	20.46	149	818294	40.569	ng		96
81) Benzo(a)anthracene	21.30	228	1950376	41.515	ng		100
82) 3,3'-Dichlorobenzidine	21.24	252	516682	29.084	ng		100
83) Chrysene	21.36	228	1829953	40.337	ng		99
84) Bis(2-ethylhexyl)phthalate	21.23	149	1145407	39.325	ng		100
85) Di-n-octyl phthalate	22.12	149	1934651	39.492	ng	#	91
86) Indeno(1,2,3-cd)pyrene	25.89	276	2259687	43.196	ng		97
88) Benzo(b)fluoranthene	22.90	252	1865096	42.677	ng		99
89) Benzo(k)fluoranthene	22.95	252	1841347	41.809	ng		99
90) Benzo(a)pyrene	23.49	252	1817546	43.442	ng		98
91) Dibenzo(a,h)anthracene	25.90	278	1904390	44.922	ng		98
92) Benzo(g,h,i)perylene	26.59	276	1911527	46.336	ng		98

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

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