Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050219\
Data File : BM020102.D
Acq On : 02 May 2019 10:13
Operator : JU/SJ
Sample : PB119314BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119314BS

Manual Integrations APPROVED
Sohil
5/3/2019 4:34:55 PM

Quant Time: May 02 17:28:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	151316	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	561150	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	339852	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	760841	20.00	ng		0.00
76) Chrysene-d12	21.36	240	635335	20.00	ng		0.00
87) Perylene-d12	23.64	264	598156	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1265527	136.71	ng		0.00
7) Phenol-d6	6.95	99	1723624	136.29	ng		0.00
23) Nitrobenzene-d5	8.95	82	1079374	75.94	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	702559	133.18	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	2110093	76.39	ng		0.00
79) Terphenyl-d14	19.80	244	3107334	85.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	154101	33.942	ng		94
3) Pyridine	3.70	79	398968	34.360	ng		98
4) n-Nitrosodimethylamine	3.62	42	148317	39.833	ng		92
6) Aniline	7.12	93	527640	33.144	ng		97
8) 2-Chlorophenol	7.35	128	386950	38.389	ng		98
9) Benzaldehyde	6.94	77	330876	34.568	ng		96
10) Phenol	6.98	94	529693	38.907	ng		97
11) bis(2-Chloroethyl)ether	7.22	93	367597	37.149	ng		98
12) 1,3-Dichlorobenzene	7.67	146	425101	36.248	ng		97
13) 1,4-Dichlorobenzene	7.82	146	437227	36.906	ng		96
14) 1,2-Dichlorobenzene	8.14	146	415143	36.781	ng		97
15) Benzyl Alcohol	8.03	79	456265	37.415	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.31	45	288730	35.189	ng		98
17) 2-Methylphenol	8.22	107	340431	38.844	ng		99
18) Hexachloroethane	8.86	117	175777	35.584	ng		99
19) n-Nitroso-di-n-propylamine	8.60	70	386601	35.731	ng		95
20) 3+4-Methylphenols	8.55	107	453646	38.947	ng		97
22) Acetophenone	8.62	105	624611	40.728	ng	#	98
24) Nitrobenzene	9.00	77	569790	38.664	ng		98
25) Isophorone	9.52	82	943062	38.475	ng		99
26) 2-Nitrophenol	9.70	139	190367	42.788	ng		99
27) 2,4-Dimethylphenol	9.75	122	349685	47.209	ng		98
28) bis(2-Chloroethoxy)methane	10.00	93	513773	38.486	ng		99
29) 2,4-Dichlorophenol	10.22	162	390079	41.764	ng		99
30) 1,2,4-Trichlorobenzene	10.44	180	459407	39.974	ng		98
31) Naphthalene	10.63	128	1143871	39.281	ng		99
32) Benzoic acid	9.88	122	190309	37.748	ng		94
33) 4-Chloroaniline	10.75	127	248919	20.768	ng		98
34) Hexachlorobutadiene	10.90	225	313855	38.605	ng		98
35) Caprolactam	11.53	113	103963m	37.225	ng		
36) 4-Chloro-3-methylphenol	11.86	107	423997	38.629	ng		97
37) 2-Methylnaphthalene	12.25	142	860399	40.528	ng		98
38) 1-Methylnaphthalene	12.46	142	810624	39.048	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	552474	41.551	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	832931	106.392	ng		98
43) 2,4,6-Trichlorophenol	12.85	196	334696	44.292	ng		98
44) 2,4,5-Trichlorophenol	12.92	196	355767	42.143	ng		99
46) 1,1'-Biphenyl	13.26	154	1121102	40.078	ng		98
47) 2-Chloronaphthalene	13.30	162	887982	39.759	ng		99
48) 2-Nitroaniline	13.52	65	302985	38.105	ng		95
49) Acenaphthylene	14.15	152	1350234	37.775	ng		99
50) Dimethylphthalate	13.89	163	1085908	37.594	ng		98
51) 2,6-Dinitrotoluene	14.02	165	236972	38.952	ng		97
52) Acenaphthene	14.49	154	802600	39.156	ng		99
53) 3-Nitroaniline	14.35	138	137085	24.278	ng		97
54) 2,4-Dinitrophenol	14.55	184	257537	84.034	ng		92
55) Dibenzofuran	14.83	168	1328298	38.419	ng		100
56) 4-Nitrophenol	14.65	139	359563	74.635	ng		96
57) 2,4-Dinitrotoluene	14.80	165	314350	38.026	ng		98
58) Fluorene	15.48	166	1071682	37.742	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	330305	41.173	ng		98
60) Diethylphthalate	15.26	149	1068929	36.732	ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	628150	39.043	ng		96
62) 4-Nitroaniline	15.51	138	210353	33.757	ng		95
63) Azobenzene	15.77	77	1239131	36.094	ng		99
65) 4,6-Dinitro-2-methylphenol	15.56	198	154402	41.381	ng		95
66) n-Nitrosodiphenylamine	15.69	169	918069	41.007	ng		98
67) 4-Bromophenyl-phenylether	16.37	248	379592	40.686	ng		98
68) Hexachlorobenzene	16.47	284	433102	40.340	ng		99
69) Atrazine	16.64	200	334243	38.203	ng		99
70) Pentachlorophenol	16.82	266	510577	83.117	ng		97
71) Phenanthrene	17.22	178	1623323	38.651	ng		100
72) Anthracene	17.31	178	1662913	39.601	ng		99
73) Carbazole	17.58	167	1376800	36.337	ng		99
74) Di-n-butylphthalate	18.14	149	1638250	35.928	ng		98
75) Fluoranthene	19.23	202	1859902	35.000	ng		99
77) Benzidine	19.43	184	807246	39.742	ng		98
78) Pyrene	19.60	202	1893545	44.391	ng		99
80) Butylbenzylphthalate	20.50	149	644460	41.546	ng		98
81) Benzo(a)anthracene	21.34	228	1665404	37.378	ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	502231	29.533	ng		100
83) Chrysene	21.40	228	1647741	38.132	ng		100
84) Bis(2-ethylhexyl)phthalate	21.27	149	892279	37.070	ng		100
85) Di-n-octyl phthalate	22.16	149	1417818	35.440	ng		99
86) Indeno(1,2,3-cd)pyrene	25.97	276	1747407	33.997	ng	#	100
88) Benzo(b)fluoranthene	22.95	252	1580083	40.003	ng		99
89) Benzo(k)fluoranthene	23.00	252	1585606	44.007	ng		99
90) Benzo(a)pyrene	23.54	252	1517496	42.296	ng		99
91) Dibenzo(a,h)anthracene	25.99	278	1513931	40.575	ng		98
92) Benzo(g,h,i)perylene	26.68	276	1451275	40.969	ng		99

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

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