Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030819\
Data File : BM019081.D
Acq On : 08 Mar 2019 19:41
Operator : JU/SJ
Sample : K1807-31MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-13MSD

Manual Integrations APPROVED
Sohil
3/11/2019 5:47:22 PM

Quant Time: Mar 09 00:57:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	173216	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	653519	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	343883	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	718820	20.00	ng	-0.01
76) Chrysene-d12	21.27	240	744479	20.00	ng	-0.01
87) Perylene-d12	23.52	264	869772	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1265245	119.68	ng	0.00
7) Phenol-d6	6.85	99	1728940	116.09	ng	0.00
23) Nitrobenzene-d5	8.84	82	1086698	76.89	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	574762	115.95	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	1882980	72.69	ng	-0.02
79) Terphenyl-d14	19.72	244	2535816	70.27	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	162040	35.192	ng	99
3) Pyridine	3.63	79	287619	22.900	ng	99
4) n-Nitrosodimethylamine	3.55	42	141028	44.138	ng	90
6) Aniline	7.02	93	493804	27.061	ng	97
8) 2-Chlorophenol	7.23	128	449372	38.716	ng	99
9) Benzaldehyde	6.83	77	268462	31.012	ng	99
10) Phenol	6.88	94	626017	39.949	ng	100
11) bis(2-Chloroethyl)ether	7.11	93	429821	35.957	ng	98
12) 1,3-Dichlorobenzene	7.55	146	474362	36.346	ng	96
13) 1,4-Dichlorobenzene	7.70	146	485052	36.506	ng	99
14) 1,2-Dichlorobenzene	8.02	146	466487	36.551	ng	99
15) Benzyl Alcohol	7.92	79	418862	35.395	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	414995	35.870	ng	98
17) 2-Methylphenol	8.12	107	370280	37.126	ng	98
18) Hexachloroethane	8.73	117	175444	36.172	ng	98
19) n-Nitroso-di-n-propylamine	8.48	70	386261	33.497	ng	99
20) 3+4-Methylphenols	8.45	107	494976	35.940	ng	99
22) Acetophenone	8.50	105	641586	35.749	ng	99
24) Nitrobenzene	8.88	77	547763	37.337	ng	98
25) Isophorone	9.40	82	939568	41.663	ng	98
26) 2-Nitrophenol	9.58	139	228788	39.160	ng	98
27) 2,4-Dimethylphenol	9.64	122	378169	44.317	ng	98
28) bis(2-Chloroethoxy)methane	9.88	93	561388	38.496	ng	99
29) 2,4-Dichlorophenol	10.11	162	387182	39.516	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	428552	37.873	ng	98
31) Naphthalene	10.50	128	1293694	40.589	ng	99
32) Benzoic acid	9.77	122	159278m	21.398	ng	
33) 4-Chloroaniline	10.64	127	270957	19.018	ng	97
34) Hexachlorobutadiene	10.77	225	229957	35.012	ng	99
35) Caprolactam	11.45	113	116146	29.045	ng	87
36) 4-Chloro-3-methylphenol	11.76	107	425727	36.038	ng	96
37) 2-Methylnaphthalene	12.12	142	904499	40.307	ng	99
38) 1-Methylnaphthalene	12.35	142	856040	39.011	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	425165	38.650	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	452753	80.500	ng	97
43) 2,4,6-Trichlorophenol	12.75	196	299136	41.077	ng	100
44) 2,4,5-Trichlorophenol	12.82	196	312505	40.942	ng	99
46) 1,1'-Biphenyl	13.15	154	1137063	38.413	ng	99
47) 2-Chloronaphthalene	13.19	162	878069	38.405	ng	100
48) 2-Nitroaniline	13.42	65	295552	38.923	ng	99
49) Acenaphthylene	14.05	152	1408282	41.367	ng	100
50) Dimethylphthalate	13.79	163	1229634	42.906	ng	99
51) 2,6-Dinitrotoluene	13.92	165	236154	38.039	ng	99
52) Acenaphthene	14.39	154	812848	38.939	ng	100
53) 3-Nitroaniline	14.26	138	183176	26.114	ng	99
54) 2,4-Dinitrophenol	14.46	184	251900	65.102	ng	98
55) Dibenzofuran	14.73	168	1290608	37.615	ng	99
56) 4-Nitrophenol	14.57	139	413166	73.785	ng	98
57) 2,4-Dinitrotoluene	14.71	165	328490	38.403	ng	98
58) Fluorene	15.37	166	1032926	39.351	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	270935	40.158	ng	99
60) Diethylphthalate	15.16	149	1056528	35.738	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	503663	34.223	ng	97
62) 4-Nitroaniline	15.42	138	230174	33.471	ng	98
63) Azobenzene	15.66	77	1129884	35.645	ng	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	171988	34.078	ng	99
66) n-Nitrosodiphenylamine	15.59	169	893092	39.325	ng	99
67) 4-Bromophenyl-phenylether	16.27	248	294144	36.558	ng	100
68) Hexachlorobenzene	16.37	284	350826	37.513	ng	98
69) Atrazine	16.55	200	293873	40.138	ng	99
70) Pentachlorophenol	16.73	266	429378	71.305	ng	99
71) Phenanthrene	17.12	178	1554748	40.247	ng	99
72) Anthracene	17.21	178	1568453	41.714	ng	100
73) Carbazole	17.49	167	1477788	37.619	ng	99
74) Di-n-butylphthalate	18.05	149	1684341	37.282	ng	100
75) Fluoranthene	19.14	202	1727030	38.703	ng	99
77) Benzidine	19.35	184	232476	13.865	ng	99
78) Pyrene	19.51	202	1766926	40.865	ng	99
80) Butylbenzylphthalate	20.41	149	753739	38.250	ng	100
81) Benzo(a)anthracene	21.26	228	1668745	38.453	ng	99
82) 3,3'-Dichlorobenzidine	21.20	252	522602	30.470	ng	99
83) Chrysene	21.31	228	1646945	39.594	ng	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	1047140	36.307	ng	99
85) Di-n-octyl phthalate	22.06	149	1811687	37.375	ng	100
86) Indeno(1,2,3-cd)pyrene	25.79	276	2582552	53.776	ng	99
88) Benzo(b)fluoranthene	22.84	252	1923302	38.649	ng	100
89) Benzo(k)fluoranthene	22.89	252	1868986	37.725	ng	99
90) Benzo(a)pyrene	23.42	252	1906217	40.436	ng	99
91) Dibenzo(a,h)anthracene	25.80	278	2200960	47.125	ng	99
92) Benzo(g,h,i)perylene	26.49	276	2151506	49.481	ng	99

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

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