Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011519\
Data File : BM018574.D
Acq On : 15 Jan 2019 23:05
Operator : JU/SJ
Sample : K1131-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

Manual Integrations APPROVED
Sohil
1/16/2019 2:07:33 PM

Quant Time: Jan 16 00:37:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	228022	20.00	ng		-0.01
21) Naphthalene-d8	10.55	136	956460	20.00	ng		0.00
39) Acenaphthene-d10	14.40	164	576204	20.00	ng		-0.01
64) Phenanthrene-d10	17.15	188	1366094	20.00	ng		0.00
76) Chrysene-d12	21.34	240	1672998	20.00	ng		0.00
87) Perylene-d12	23.62	264	1847982	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1507870	122.11	ng		-0.01
7) Phenol-d6	6.93	99	1999111	127.46	ng		0.00
23) Nitrobenzene-d5	8.92	82	1196526	72.52	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	914943	124.71	ng		0.00
45) 2-Fluorobiphenyl	13.02	172	3109394	70.41	ng		0.00
79) Terphenyl-d14	19.78	244	5397928	68.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	137264	27.272	ng		96
3) Pyridine	3.68	79	387943	30.916	ng		96
4) n-Nitrosodimethylamine	3.60	42	212813	41.013	ng	#	93
6) Aniline	7.09	93	217420	12.427	ng		98
8) 2-Chlorophenol	7.32	128	583204	40.437	ng		96
9) Benzaldehyde	6.90	77	155660	14.506	ng		99
10) Phenol	6.96	94	692011	43.419	ng		99
11) bis(2-Chloroethyl)ether	7.19	93	458090	36.579	ng		95
12) 1,3-Dichlorobenzene	7.64	146	597839	34.807	ng		97
13) 1,4-Dichlorobenzene	7.79	146	613310	35.230	ng		99
14) 1,2-Dichlorobenzene	8.10	146	590468	35.770	ng		99
15) Benzyl Alcohol	8.00	79	474314	41.870	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.27	45	564285	35.258	ng		95
17) 2-Methylphenol	8.20	107	460170	42.535	ng		99
18) Hexachloroethane	8.82	117	218131	35.142	ng		95
19) n-Nitroso-di-n-propylamine	8.56	70	385069	37.725	ng		91
20) 3+4-Methylphenols	8.52	107	630974	42.248	ng		99
22) Acetophenone	8.58	105	789066	33.350	ng	#	97
24) Nitrobenzene	8.96	77	576014	35.482	ng		96
25) Isophorone	9.48	82	1048860	41.981	ng		97
26) 2-Nitrophenol	9.66	139	317996	40.511	ng		96
27) 2,4-Dimethylphenol	9.72	122	502298	42.692	ng		100
28) bis(2-Chloroethoxy)methane	9.96	93	635678	36.831	ng		99
29) 2,4-Dichlorophenol	10.19	162	568669	40.590	ng		98
30) 1,2,4-Trichlorobenzene	10.40	180	597556	34.363	ng		99
31) Naphthalene	10.59	128	1747989	37.948	ng		100
32) Benzoic acid	9.82	122	96725m	17.058	ng		
33) 4-Chloroaniline	10.72	127	183419	10.111	ng		98
34) Hexachlorobutadiene	10.86	225	361679	32.922	ng		98
35) Caprolactam	11.52	113	183376m	38.498	ng		
36) 4-Chloro-3-methylphenol	11.84	107	612217	41.652	ng		99
37) 2-Methylnaphthalene	12.21	142	1314110	40.378	ng		99
38) 1-Methylnaphthalene	12.43	142	1250309	39.705	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.57	216	680062	33.751	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	720443	65.147	ng		100
43) 2,4,6-Trichlorophenol	12.82	196	478680	39.120	ng		98
44) 2,4,5-Trichlorophenol	12.90	196	523270	40.662	ng		97
46) 1,1'-Biphenyl	13.23	154	1707320	33.935	ng		99
47) 2-Chloronaphthalene	13.27	162	1320640	33.850	ng		100
48) 2-Nitroaniline	13.49	65	372435	38.802	ng		90
49) Acenaphthylene	14.12	152	2189651	38.512	ng		99
50) Dimethylphthalate	13.86	163	2644024	55.873	ng		99
51) 2,6-Dinitrotoluene	13.99	165	387604	38.668	ng		94
52) Acenaphthene	14.46	154	1251892	35.986	ng		98
53) 3-Nitroaniline	14.32	138	153449	15.184	ng		97
54) 2,4-Dinitrophenol	14.53	184	265890	51.790	ng		91
55) Dibenzofuran	14.80	168	2051587	35.692	ng		98
56) 4-Nitrophenol	14.64	139	737157	84.436	ng		94
57) 2,4-Dinitrotoluene	14.77	165	559221	39.430	ng		99
58) Fluorene	15.45	166	1688307	39.430	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	483976	42.430	ng		97
60) Diethylphthalate	15.23	149	1793177	37.536	ng		99
61) 4-Chlorophenyl-phenylether	15.44	204	849612	34.427	ng		99
62) 4-Nitroaniline	15.49	138	382148	34.669	ng		96
63) Azobenzene	15.74	77	1407437	36.135	ng		97
65) 4,6-Dinitro-2-methylphenol	15.53	198	289659	34.921	ng		91
66) n-Nitrosodiphenylamine	15.66	169	1508673	35.602	ng		98
67) 4-Bromophenyl-phenylether	16.34	248	527649	34.515	ng		97
68) Hexachlorobenzene	16.44	284	591362	34.554	ng		99
69) Atrazine	16.62	200	582331	38.012	ng		98
70) Pentachlorophenol	16.80	266	804708	71.795	ng		98
71) Phenanthrene	17.19	178	2781095	38.274	ng		100
72) Anthracene	17.29	178	2835894	40.587	ng		100
73) Carbazole	17.56	167	2672452	37.228	ng		99
74) Di-n-butylphthalate	18.12	149	3158276	40.165	ng		99
75) Fluoranthene	19.21	202	3490649	41.667	ng		98
77) Benzidine	19.41	184	1172072	28.373	ng		100
78) Pyrene	19.58	202	3600047	36.303	ng		100
80) Butylbenzylphthalate	20.48	149	1623842	38.375	ng		93
81) Benzo(a)anthracene	21.33	228	3834181	38.902	ng		100
82) 3,3'-Dichlorobenzidine	21.27	252	703329	18.871	ng		100
83) Chrysene	21.38	228	3614841	37.982	ng		100
84) Bis(2-ethylhexyl)phthalate	21.25	149	2301623	37.667	ng		98
85) Di-n-octyl phthalate	22.14	149	4172920	40.604	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.94	276	4763614	43.406	ng		96
88) Benzo(b)fluoranthene	22.93	252	4006462	38.188	ng		99
89) Benzo(k)fluoranthene	22.98	252	4008484	37.912	ng		98
90) Benzo(a)pyrene	23.53	252	3998972	39.814	ng	#	98
91) Dibenzo(a,h)anthracene	25.96	278	4016771	39.469	ng		99
92) Benzo(g,h,i)perylene	26.66	276	3956199	39.947	ng		97

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

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