Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018592.D
Acq On : 16 Jan 2019 20:26
Operator : JU/SJ
Sample : K1147-16MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-6MS

Manual Integrations APPROVED
Sohil
1/17/2019 12:17:34 PM

Quant Time: Jan 17 01:30:25 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	376805	20.00	ng		-0.02
21) Naphthalene-d8	10.54	136	1588669	20.00	ng		-0.01
39) Acenaphthene-d10	14.40	164	928502	20.00	ng		-0.01
64) Phenanthrene-d10	17.14	188	2063948	20.00	ng		-0.01
76) Chrysene-d12	21.34	240	1660943	20.00	ng		-0.01
87) Perylene-d12	23.62	264	1367356	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1853866	90.85	ng		-0.01
7) Phenol-d6	6.93	99	2468039	95.22	ng		0.00
23) Nitrobenzene-d5	8.92	82	1499167	54.70	ng		0.00
42) 2,4,6-Tribromophenol	15.89	330	1096739	92.77	ng		-0.01
45) 2-Fluorobiphenyl	13.01	172	3982819	55.97	ng		-0.01
79) Terphenyl-d14	19.78	244	5578636	70.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	158236	19.025	ng		96
3) Pyridine	3.68	79	307252	14.817	ng		96
4) n-Nitrosodimethylamine	3.59	42	245392	28.618	ng	#	94
6) Aniline	7.09	93	628275	21.731	ng		98
8) 2-Chlorophenol	7.32	128	734273	30.809	ng		95
9) Benzaldehyde	6.90	77	184163	10.066	ng		99
10) Phenol	6.95	94	854851	32.457	ng		99
11) bis(2-Chloroethyl)ether	7.18	93	577292	27.895	ng		97
12) 1,3-Dichlorobenzene	7.63	146	759808	26.770	ng		98
13) 1,4-Dichlorobenzene	7.78	146	780650	27.136	ng		99
14) 1,2-Dichlorobenzene	8.09	146	751809	27.561	ng		100
15) Benzyl Alcohol	7.99	79	594897	31.779	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.27	45	719984	27.224	ng		94
17) 2-Methylphenol	8.19	107	576062	32.222	ng		98
18) Hexachloroethane	8.82	117	274888	26.800	ng		94
19) n-Nitroso-di-n-propylamine	8.56	70	487787	28.919	ng		90
20) 3+4-Methylphenols	8.52	107	793928	32.169	ng		98
22) Acetophenone	8.57	105	995350	25.327	ng	#	97
24) Nitrobenzene	8.96	77	726016	26.925	ng		97
25) Isophorone	9.47	82	1338872	32.263	ng		97
26) 2-Nitrophenol	9.66	139	410399	31.477	ng		96
27) 2,4-Dimethylphenol	9.72	122	665687	34.063	ng		97
28) bis(2-Chloroethoxy)methane	9.96	93	823147	28.713	ng		100
29) 2,4-Dichlorophenol	10.19	162	729857	31.364	ng		98
30) 1,2,4-Trichlorobenzene	10.40	180	773808	26.790	ng		99
31) Naphthalene	10.59	128	2239725	29.273	ng		100
32) Benzoic acid	9.85	122	345351m	29.193	ng		
33) 4-Chloroaniline	10.71	127	500009	16.594	ng		99
34) Hexachlorobutadiene	10.86	225	474142	25.984	ng		99
35) Caprolactam	11.53	113	212159m	26.816	ng		
36) 4-Chloro-3-methylphenol	11.84	107	755310	30.938	ng		99
37) 2-Methylnaphthalene	12.20	142	1698420	31.419	ng		100
38) 1-Methylnaphthalene	12.43	142	1607614	30.735	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.57	216	896728	27.618	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.54	237	566636	31.798	ng		99
43) 2,4,6-Trichlorophenol	12.82	196	612088	31.043	ng		99
44) 2,4,5-Trichlorophenol	12.89	196	652761	31.478	ng		98
46) 1,1'-Biphenyl	13.23	154	2182862	26.925	ng		98
47) 2-Chloronaphthalene	13.27	162	1685249	26.806	ng		99
48) 2-Nitroaniline	13.49	65	451308	29.179	ng		89
49) Acenaphthylene	14.12	152	2739144	29.897	ng		99
50) Dimethylphthalate	13.86	163	3038533	39.847	ng		99
51) 2,6-Dinitrotoluene	13.99	165	474433	29.372	ng		92
52) Acenaphthene	14.46	154	1570570	28.017	ng		99
53) 3-Nitroaniline	14.32	138	359651	22.086	ng		93
54) 2,4-Dinitrophenol	14.52	184	382981	47.057	ng		91
55) Dibenzofuran	14.80	168	2549056	27.521	ng		98
56) 4-Nitrophenol	14.64	139	808736	57.487	ng		94
57) 2,4-Dinitrotoluene	14.77	165	659810	28.870	ng		97
58) Fluorene	15.45	166	2068035	29.972	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.02	232	577331	31.410	ng		97
60) Diethylphthalate	15.22	149	2206631	28.665	ng		99
61) 4-Chlorophenyl-phenylether	15.44	204	1061184	26.685	ng		99
62) 4-Nitroaniline	15.49	138	450340	25.354	ng		97
63) Azobenzene	15.73	77	1733699	27.623	ng		97
65) 4,6-Dinitro-2-methylphenol	15.53	198	287544	24.795	ng		87
66) n-Nitrosodiphenylamine	15.66	169	1834077	28.647	ng		100
67) 4-Bromophenyl-phenylether	16.34	248	655849	28.396	ng		97
68) Hexachlorobenzene	16.44	284	718031	27.770	ng		99
69) Atrazine	16.62	200	664915	28.728	ng		99
70) Pentachlorophenol	16.79	266	833286	49.208	ng		98
71) Phenanthrene	17.19	178	3223638	29.364	ng		100
72) Anthracene	17.28	178	3314764	31.400	ng		100
73) Carbazole	17.56	167	2953332	27.230	ng		100
74) Di-n-butylphthalate	18.11	149	3791900	31.918	ng		99
75) Fluoranthene	19.21	202	3629345	28.675	ng		98
77) Benzidine	19.40	184	1071318	26.123	ng		100
78) Pyrene	19.57	202	3637894	36.951	ng		100
80) Butylbenzylphthalate	20.47	149	1665944	39.655	ng		96
81) Benzo(a)anthracene	21.32	228	2945664	30.104	ng		100
82) 3,3'-Dichlorobenzidine	21.26	252	871227	23.546	ng		99
83) Chrysene	21.37	228	2726494	28.855	ng		100
84) Bis(2-ethylhexyl)phthalate	21.24	149	2373815	39.131	ng		98
85) Di-n-octyl phthalate	22.13	149	3679527	36.063	ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.93	276	2540627	23.318	ng		96
88) Benzo(b)fluoranthene	22.93	252	2434656	31.363	ng		98
89) Benzo(k)fluoranthene	22.97	252	2290404	29.277	ng		98
90) Benzo(a)pyrene	23.52	252	2252818	30.313	ng		98
91) Dibenzo(a,h)anthracene	25.94	278	2141867	28.444	ng		98
92) Benzo(g,h,i)perylene	26.64	276	2114914	28.861	ng		97

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

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