Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
Data File : BM019171.D
Acq On : 14 Mar 2019 16:16
Operator : JU/SJ
Sample : K1866-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Manual Integrations APPROVED
Sohil
3/15/2019 5:51:09 PM

Quant Time: Mar 15 05:33:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	198585	20.00	ng		0.00
21) Naphthalene-d8	10.44	136	901113	20.00	ng		-0.01
39) Acenaphthene-d10	14.31	164	574174	20.00	ng		-0.01
64) Phenanthrene-d10	17.07	188	1336818	20.00	ng		0.00
76) Chrysene-d12	21.26	240	1391844	20.00	ng		-0.01
87) Perylene-d12	23.50	264	1211453	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1662530	135.58	ng		0.00
7) Phenol-d6	6.84	99	2573424	143.48	ng		0.00
23) Nitrobenzene-d5	8.83	82	1584481	83.12	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	1138777	134.33	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	3459703	78.38	ng		-0.01
79) Terphenyl-d14	19.70	244	5990246	85.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	180779	33.140	ng		99
3) Pyridine	3.62	79	349487	23.549	ng		99
4) n-Nitrosodimethylamine	3.53	42	169456	36.728	ng		92
6) Aniline	7.00	93	595345	25.709	ng		99
8) 2-Chlorophenol	7.22	128	648225	43.990	ng		98
9) Benzaldehyde	6.82	77	279081	24.737	ng		97
10) Phenol	6.87	94	982091	50.806	ng		98
11) bis(2-Chloroethyl)ether	7.10	93	587329	39.819	ng		99
12) 1,3-Dichlorobenzene	7.54	146	597411	38.310	ng		99
13) 1,4-Dichlorobenzene	7.69	146	613914	38.615	ng		99
14) 1,2-Dichlorobenzene	8.00	146	602071	38.924	ng		98
15) Benzyl Alcohol	7.91	79	656065	44.195	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.19	45	584799	38.829	ng		99
17) 2-Methylphenol	8.10	107	574825	45.634	ng		99
18) Hexachloroethane	8.72	117	224734	38.042	ng		96
19) n-Nitroso-di-n-propylamine	8.47	70	605017	41.116	ng		98
20) 3+4-Methylphenols	8.43	107	801623	46.884	ng		99
22) Acetophenone	8.49	105	982493	39.453	ng	#	99
24) Nitrobenzene	8.87	77	827902	41.759	ng		99
25) Isophorone	9.39	82	1565699	43.043	ng		99
26) 2-Nitrophenol	9.57	139	358386	43.610	ng		98
27) 2,4-Dimethylphenol	9.63	122	603331	49.383	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	919047	42.670	ng		99
29) 2,4-Dichlorophenol	10.10	162	668807	49.428	ng		98
30) 1,2,4-Trichlorobenzene	10.30	180	630511	41.325	ng		98
31) Naphthalene	10.49	128	1960658	41.281	ng		100
32) Benzoic acid	9.77	122	219396m	21.204	ng		
33) 4-Chloroaniline	10.62	127	486509	24.988	ng		99
34) Hexachlorobutadiene	10.75	225	335654	38.336	ng		99
35) Caprolactam	11.45	113	214695m	44.542	ng		
36) 4-Chloro-3-methylphenol	11.75	107	805672	48.257	ng		98
37) 2-Methylnaphthalene	12.11	142	1536481	44.518	ng		100
38) 1-Methylnaphthalene	12.33	142	1453285	42.720	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	730366	40.213	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	801657	97.443 ng	98
43) 2,4,6-Trichlorophenol	12.73	196	559426	47.662 ng	99
44) 2,4,5-Trichlorophenol	12.80	196	616367m	49.108 ng	
46) 1,1'-Biphenyl	13.14	154	2028239	40.449 ng	99
47) 2-Chloronaphthalene	13.18	162	1579277	42.194 ng	99
48) 2-Nitroaniline	13.41	65	583931	46.519 ng	97
49) Acenaphthylene	14.03	152	2646752	41.822 ng	100
50) Dimethylphthalate	13.79	163	2455832	49.999 ng	100
51) 2,6-Dinitrotoluene	13.91	165	479425	45.153 ng	96
52) Acenaphthene	14.37	154	1517763	41.737 ng	99
53) 3-Nitroaniline	14.25	138	382549	34.017 ng	97
54) 2,4-Dinitrophenol	14.46	184	434751	70.504 ng	99
55) Dibenzofuran	14.71	168	2509986	42.800 ng	99
56) 4-Nitrophenol	14.56	139	825787	89.938 ng	98
57) 2,4-Dinitrotoluene	14.70	165	690151	44.778 ng	99
58) Fluorene	15.36	166	2099032	43.422 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	548315	46.926 ng	100
60) Diethylphthalate	15.15	149	2229014	44.808 ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1027980	43.785 ng	99
62) 4-Nitroaniline	15.42	138	483592	42.671 ng	99
63) Azobenzene	15.66	77	2327942	44.472 ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	344589	39.336 ng	99
66) n-Nitrosodiphenylamine	15.59	169	1779989	41.823 ng	99
67) 4-Bromophenyl-phenylether	16.26	248	621013	42.126 ng	99
68) Hexachlorobenzene	16.36	284	734266	41.895 ng	98
69) Atrazine	16.54	200	658199	45.942 ng	100
70) Pentachlorophenol	16.72	266	915196	86.672 ng	99
71) Phenanthrene	17.11	178	3295189	42.054 ng	100
72) Anthracene	17.20	178	3343890	43.593 ng	99
73) Carbazole	17.48	167	3108860	42.941 ng	99
74) Di-n-butylphthalate	18.03	149	3956580	45.193 ng	100
75) Fluoranthene	19.13	202	3823681	42.528 ng	99
77) Benzidine	19.34	184	352305	8.925 ng	99
78) Pyrene	19.50	202	3865553	43.895 ng	100
80) Butylbenzylphthalate	20.40	149	1874666	48.875 ng	98
81) Benzo(a)anthracene	21.25	228	3594455	41.165 ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	915923	27.229 ng	99
83) Chrysene	21.30	228	3450886	40.851 ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2759065	49.443 ng	98
85) Di-n-octyl phthalate	22.04	149	4597463	48.927 ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	3360356	36.953 ng	100
88) Benzo(b)fluoranthene	22.83	252	3385068	43.122 ng	99
89) Benzo(k)fluoranthene	22.87	252	3320557	45.990 ng	99
90) Benzo(a)pyrene	23.40	252	3113969	44.142 ng	100
91) Dibenzo(a,h)anthracene	25.77	278	2885433	42.758 ng	98
92) Benzo(g,h,i)perylene	26.46	276	2662214	42.970 ng	99

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

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