Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
Data File : BM019018.D
Acq On : 04 Mar 2019 20:17
Operator : JU/SJ
Sample : K1712-19MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
Z-2-4MS

Manual Integrations APPROVED
Sohil
3/5/2019 5:23:51 PM

Quant Time: Mar 05 04:15:22 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	7.68	152	269657	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	1127436	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	630853	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1334698	20.00	ng	0.00
76) Chrysene-d12	21.29	240	1134828	20.00	ng	0.00
87) Perylene-d12	23.53	264	1043746	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2201563	133.77	ng	0.00
7) Phenol-d6	6.86	99	3169486	136.70	ng	0.00
23) Nitrobenzene-d5	8.85	82	1973945	80.96	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1178933	129.64	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3785516	79.66	ng	0.00
79) Terphenyl-d14	19.72	244	5098951	92.69	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	224963	31.384	ng	97
3) Pyridine	3.63	79	653206	33.408	ng	99
4) n-Nitrosodimethylamine	3.55	42	222247	44.681	ng	93
6) Aniline	7.03	93	425775	14.988	ng	99
8) 2-Chlorophenol	7.25	128	778202	43.068	ng	98
9) Benzaldehyde	6.84	77	590018	49.570	ng	99
10) Phenol	6.89	94	1141775	46.803	ng	99
11) bis(2-Chloroethyl)ether	7.12	93	731813	39.325	ng	98
12) 1,3-Dichlorobenzene	7.56	146	748495	36.839	ng	99
13) 1,4-Dichlorobenzene	7.72	146	775102	37.472	ng	99
14) 1,2-Dichlorobenzene	8.03	146	754371	37.968	ng	99
15) Benzyl Alcohol	7.93	79	759381	41.220	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	722567	40.118	ng	98
17) 2-Methylphenol	8.13	107	674840	43.463	ng	97
18) Hexachloroethane	8.74	117	283419	37.535	ng	98
19) n-Nitroso-di-n-propylamine	8.49	70	699744	38.980	ng	98
20) 3+4-Methylphenols	8.46	107	912771	42.573	ng	98
22) Acetophenone	8.51	105	1154034	37.273	ng	99
24) Nitrobenzene	8.89	77	981143	38.766	ng	99
25) Isophorone	9.41	82	1733140	44.547	ng	99
26) 2-Nitrophenol	9.59	139	417472	41.419	ng	99
27) 2,4-Dimethylphenol	9.65	122	708421	48.122	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	1034965	41.138	ng	99
29) 2,4-Dichlorophenol	10.12	162	725154	42.900	ng	100
30) 1,2,4-Trichlorobenzene	10.33	180	738864	37.849	ng	98
31) Naphthalene	10.52	128	2279903	41.463	ng	99
32) Benzoic acid	9.77	122	134192m	10.450	ng	
33) 4-Chloroaniline	10.65	127	123533	5.026	ng	98
34) Hexachlorobutadiene	10.78	225	396174	34.964	ng	100
35) Caprolactam	11.46	113	222831m	32.301	ng	
36) 4-Chloro-3-methylphenol	11.77	107	832107	40.829	ng	99
37) 2-Methylnaphthalene	12.13	142	1676334	43.301	ng	99
38) 1-Methylnaphthalene	12.36	142	1587590	41.937	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	787030	39.000	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	818648	79.344 ng	98
43) 2,4,6-Trichlorophenol	12.76	196	576406	43.146 ng	99
44) 2,4,5-Trichlorophenol	12.83	196	606662	43.325 ng	99
46) 1,1'-Biphenyl	13.16	154	2124654	39.126 ng	100
47) 2-Chloronaphthalene	13.20	162	1652326	39.395 ng	100
48) 2-Nitroaniline	13.43	65	562470	40.378 ng	99
49) Acenaphthylene	14.06	152	2666578	42.697 ng	100
50) Dimethylphthalate	13.80	163	2357669	44.844 ng	100
51) 2,6-Dinitrotoluene	13.93	165	460805	40.461 ng	95
52) Acenaphthene	14.40	154	1541316	40.249 ng	99
53) 3-Nitroaniline	14.26	138	204995	15.930 ng	96
54) 2,4-Dinitrophenol	14.47	184	416366	59.228 ng	98
55) Dibenzofuran	14.73	168	2475309	39.326 ng	99
56) 4-Nitrophenol	14.58	139	777703	75.708 ng	95
57) 2,4-Dinitrotoluene	14.72	165	645416	41.131 ng	98
58) Fluorene	15.39	166	2012108	41.785 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	532143	42.995 ng	99
60) Diethylphthalate	15.17	149	2104192	38.799 ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	988948	36.630 ng	98
62) 4-Nitroaniline	15.44	138	424364	33.638 ng	97
63) Azobenzene	15.67	77	2234251	38.422 ng	100
65) 4,6-Dinitro-2-methylphenol	15.48	198	321352	34.292 ng	99
66) n-Nitrosodiphenylamine	15.60	169	1738958	41.238 ng	99
67) 4-Bromophenyl-phenylether	16.28	248	581513	38.924 ng	99
68) Hexachlorobenzene	16.38	284	684478	39.417 ng	97
69) Atrazine	16.56	200	578951	42.587 ng	99
70) Pentachlorophenol	16.73	266	825689	73.847 ng	99
71) Phenanthrene	17.13	178	2969400	41.398 ng	100
72) Anthracene	17.22	178	3009150	43.101 ng	100
73) Carbazole	17.50	167	2752377	37.734 ng	99
74) Di-n-butylphthalate	18.05	149	3456475	41.204 ng	100
75) Fluoranthene	19.15	202	3168141	38.237 ng	98
77) Benzidine	19.35	184	1316832	51.523 ng	99
78) Pyrene	19.52	202	3144771	47.713 ng	100
80) Butylbenzylphthalate	20.42	149	1493951	49.736 ng	96
81) Benzo(a)anthracene	21.27	228	2686839	40.617 ng	99
82) 3,3'-Dichlorobenzidine	21.21	252	628962	24.058 ng	100
83) Chrysene	21.32	228	2602080	41.039 ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	2167256	49.297 ng	99
85) Di-n-octyl phthalate	22.07	149	3448493	46.671 ng	100
86) Indeno(1,2,3-cd)pyrene	25.80	276	2951084	40.313 ng	100
88) Benzo(b)fluoranthene	22.85	252	2600941	43.555 ng	99
89) Benzo(k)fluoranthene	22.90	252	2458112	41.346 ng	100
90) Benzo(a)pyrene	23.43	252	2427627	42.913 ng	99
91) Dibenzo(a,h)anthracene	25.82	278	2516933	44.907 ng	99
92) Benzo(g,h,i)perylene	26.50	276	2404187	46.076 ng	99

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

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