Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
Data File : BM018838.D
Acq On : 18 Feb 2019 15:00
Operator : JU/SJ
Sample : K1501-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CH-021419MSD

Manual Integrations APPROVED
Sohil
2/19/2019 10:03:05 AM

Quant Time: Feb 18 15:38:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	289820	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1228439	20.00	ng	-0.01
39) Acenaphthene-d10	14.36	164	712372	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1613610	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1638538	20.00	ng	0.00
87) Perylene-d12	23.56	264	1381201	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2713341	153.40	ng	0.00
7) Phenol-d6	6.89	99	3874768	155.50	ng	0.00
23) Nitrobenzene-d5	8.87	82	2512164	94.56	ng	-0.01
42) 2,4,6-Tribromophenol	15.86	330	1493135	145.41	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4307710	80.27	ng	-0.01
79) Terphenyl-d14	19.74	244	7065084	88.95	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	301823	39.177	ng	98
3) Pyridine	3.65	79	859934	40.921	ng	100
4) n-Nitrosodimethylamine	3.57	42	300143	56.143	ng	95
6) Aniline	7.05	93	1500708	49.153	ng	99
8) 2-Chlorophenol	7.27	128	980412	50.484	ng	98
9) Benzaldehyde	6.86	77	525995	38.153	ng	98
10) Phenol	6.92	94	1599877	61.019	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	943722	47.185	ng	100
12) 1,3-Dichlorobenzene	7.59	146	976903	44.736	ng	98
13) 1,4-Dichlorobenzene	7.74	146	1008324	45.356	ng	99
14) 1,2-Dichlorobenzene	8.05	146	976174	45.713	ng	98
15) Benzyl Alcohol	7.96	79	1000955	50.553	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.24	45	922070	47.633	ng	98
17) 2-Methylphenol	8.15	107	850619	50.973	ng	99
18) Hexachloroethane	8.77	117	379113	46.715	ng	96
19) n-Nitroso-di-n-propylamine	8.52	70	912417	47.291	ng	98
20) 3+4-Methylphenols	8.48	107	1178251	51.132	ng	99
22) Acetophenone	8.54	105	1507234	44.678	ng	99
24) Nitrobenzene	8.92	77	1302046	47.215	ng	99
25) Isophorone	9.44	82	2285468	53.914	ng	100
26) 2-Nitrophenol	9.62	139	532640	48.500	ng	97
27) 2,4-Dimethylphenol	9.67	122	896892	55.915	ng	99
28) bis(2-Chloroethoxy)methane	9.92	93	1336814	48.767	ng	100
29) 2,4-Dichlorophenol	10.15	162	928119	50.392	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	956286	44.959	ng	99
31) Naphthalene	10.55	128	2968991	49.556	ng	99
32) Benzoic acid	9.83	122	485386	34.690	ng	97
33) 4-Chloroaniline	10.67	127	968508	36.163	ng	100
34) Hexachlorobutadiene	10.81	225	517378	41.907	ng	100
35) Caprolactam	11.49	113	324117m	43.120	ng	
36) 4-Chloro-3-methylphenol	11.79	107	1110000	49.987	ng	100
37) 2-Methylnaphthalene	12.16	142	2205300	52.281	ng	99
38) 1-Methylnaphthalene	12.38	142	2091634	50.708	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1024932	44.977	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1176129	100.947	ng	99
43) 2,4,6-Trichlorophenol	12.78	196	747022	49.518	ng	99
44) 2,4,5-Trichlorophenol	12.85	196	794598	50.253	ng	99
46) 1,1'-Biphenyl	13.19	154	2783782	45.398	ng	100
47) 2-Chloronaphthalene	13.23	162	2183726	46.107	ng	99
48) 2-Nitroaniline	13.45	65	794518	50.510	ng	100
49) Acenaphthylene	14.08	152	3592867	50.946	ng	100
50) Dimethylphthalate	13.83	163	3042278	51.244	ng	100
51) 2,6-Dinitrotoluene	13.95	165	625162	48.611	ng	99
52) Acenaphthene	14.42	154	2055584	47.535	ng	100
53) 3-Nitroaniline	14.29	138	534903	36.811	ng	99
54) 2,4-Dinitrophenol	14.49	184	709808	86.479	ng	100
55) Dibenzofuran	14.76	168	3353207	47.177	ng	99
56) 4-Nitrophenol	14.60	139	1111273	95.800	ng	99
57) 2,4-Dinitrotoluene	14.74	165	898137	50.686	ng	97
58) Fluorene	15.41	166	2784028	51.200	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	726446	51.977	ng	99
60) Diethylphthalate	15.19	149	2940225	48.010	ng	100
61) 4-Chlorophenyl-phenylether	15.40	204	1363754	44.732	ng	98
62) 4-Nitroaniline	15.46	138	652211	45.783	ng	98
63) Azobenzene	15.70	77	3194751	48.653	ng	99
65) 4,6-Dinitro-2-methylphenol	15.50	198	499315	44.073	ng	98
66) n-Nitrosodiphenylamine	15.63	169	2409571	47.265	ng	100
67) 4-Bromophenyl-phenylether	16.30	248	820832	45.446	ng	97
68) Hexachlorobenzene	16.40	284	951911	45.342	ng	99
69) Atrazine	16.58	200	802773	48.844	ng	98
70) Pentachlorophenol	16.76	266	1265418	93.613	ng	100
71) Phenanthrene	17.15	178	4372039	50.417	ng	100
72) Anthracene	17.24	178	4465568	52.906	ng	99
73) Carbazole	17.52	167	4096547	46.455	ng	99
74) Di-n-butylphthalate	18.07	149	5224792	51.518	ng	100
75) Fluoranthene	19.17	202	5110350	51.017	ng	99
77) Benzidine	19.37	184	3297511	89.358	ng	100
78) Pyrene	19.54	202	5176129	54.391	ng	99
80) Butylbenzylphthalate	20.44	149	2512810	57.938	ng	98
81) Benzo(a)anthracene	21.29	228	4980476	52.144	ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	1560856	41.349	ng	98
83) Chrysene	21.34	228	4637748	50.659	ng	99
84) Bis(2-ethylhexyl)phthalate	21.21	149	3655126	57.582	ng	99
85) Di-n-octyl phthalate	22.09	149	6100026	57.177	ng	100
86) Indeno(1,2,3-cd)pyrene	25.85	276	4200482	39.741	ng	99
88) Benzo(b)fluoranthene	22.88	252	4452065	56.338	ng	99
89) Benzo(k)fluoranthene	22.93	252	4211722	53.534	ng	100
90) Benzo(a)pyrene	23.46	252	4002784	53.470	ng	99
91) Dibenzo(a,h)anthracene	25.86	278	3580582	48.277	ng	98
92) Benzo(g,h,i)perylene	26.55	276	3335658	48.309	ng	99

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

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