Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
Data File : BM018522.D
Acq On : 10 Jan 2019 23:17
Operator : JU/SJ
Sample : K1099-05MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-16MS

Manual Integrations APPROVED
Sohil
1/11/2019 4:41:11 PM

Quant Time: Jan 11 03:58:15 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	7.76	152	547622	20.00	ng		0.00
21) Naphthalene-d8	10.55	136	2326802	20.00	ng		0.00
39) Acenaphthene-d10	14.41	164	1350323	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	2975741	20.00	ng		0.00
76) Chrysene-d12	21.35	240	2854501	20.00	ng		0.00
87) Perylene-d12	23.64	264	2461409	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	4397628	148.28	ng		0.00
7) Phenol-d6	6.94	99	5934412	157.54	ng		0.00
23) Nitrobenzene-d5	8.93	82	3588992	89.42	ng		0.01
42) 2,4,6-Tribromophenol	15.91	330	2636654	153.35	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	9167673	88.59	ng		0.00
79) Terphenyl-d14	19.79	244	12241098	90.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	370882	30.683	ng		98
3) Pyridine	3.68	79	1079966	35.836	ng		97
4) n-Nitrosodimethylamine	3.60	42	606684	48.684	ng	#	95
6) Aniline	7.10	93	1119279	26.638	ng		100
8) 2-Chlorophenol	7.33	128	1713150	49.460	ng		94
9) Benzaldehyde	6.92	77	500164	20.152	ng		96
10) Phenol	6.97	94	2039412	53.280	ng		97
11) bis(2-Chloroethyl)ether	7.20	93	1343157	44.658	ng		96
12) 1,3-Dichlorobenzene	7.65	146	1712261	41.509	ng		100
13) 1,4-Dichlorobenzene	7.80	146	1748629	41.824	ng		100
14) 1,2-Dichlorobenzene	8.11	146	1692832	42.701	ng		99
15) Benzyl Alcohol	8.01	79	1417613	52.106	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.29	45	1707089	44.414	ng		95
17) 2-Methylphenol	8.20	107	1386524	53.364	ng		99
18) Hexachloroethane	8.83	117	638043	42.801	ng		93
19) n-Nitroso-di-n-propylamine	8.57	70	1157532	47.220	ng		94
20) 3+4-Methylphenols	8.54	107	1900541	52.987	ng		95
22) Acetophenone	8.59	105	2378531	41.323	ng	#	98
24) Nitrobenzene	8.97	77	1711241	43.331	ng		96
25) Isophorone	9.49	82	3218068	52.947	ng		97
26) 2-Nitrophenol	9.67	139	952050	49.856	ng		95
27) 2,4-Dimethylphenol	9.73	122	1587694	55.470	ng		99
28) bis(2-Chloroethoxy)methane	9.97	93	1979709	47.150	ng		99
29) 2,4-Dichlorophenol	10.21	162	1760072	51.641	ng		98
30) 1,2,4-Trichlorobenzene	10.42	180	1778600	42.043	ng		100
31) Naphthalene	10.60	128	5213563	46.525	ng		100
32) Benzoic acid	9.86	122	507436m	29.266	ng		
33) 4-Chloroaniline	10.73	127	433202	9.816	ng		98
34) Hexachlorobutadiene	10.87	225	1081547	40.468	ng		99
35) Caprolactam	11.53	113	518417m	44.738	ng		
36) 4-Chloro-3-methylphenol	11.85	107	1830446	51.191	ng		99
37) 2-Methylnaphthalene	12.22	142	3926553	49.594	ng		99
38) 1-Methylnaphthalene	12.44	142	3742301	48.851	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	2037589	43.151	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	2343288	90.419	ng		99
43) 2,4,6-Trichlorophenol	12.83	196	1447873	50.493	ng		100
44) 2,4,5-Trichlorophenol	12.91	196	1548307	51.340	ng		98
46) 1,1'-Biphenyl	13.24	154	5039647	42.744	ng		99
47) 2-Chloronaphthalene	13.28	162	3922577	42.903	ng		100
48) 2-Nitroaniline	13.50	65	1087283	48.337	ng		92
49) Acenaphthylene	14.13	152	6399235	48.027	ng		99
50) Dimethylphthalate	13.87	163	6683739	60.269	ng		99
51) 2,6-Dinitrotoluene	14.00	165	1130474	48.124	ng		95
52) Acenaphthene	14.47	154	3659864	44.892	ng		97
53) 3-Nitroaniline	14.33	138	480369	20.284	ng		96
54) 2,4-Dinitrophenol	14.54	184	853901	68.305	ng		89
55) Dibenzofuran	14.81	168	5874311	43.610	ng		98
56) 4-Nitrophenol	14.65	139	1972773	96.424	ng		95
57) 2,4-Dinitrotoluene	14.79	165	1567308	47.156	ng		98
58) Fluorene	15.46	166	4781603	47.652	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	1397953	52.297	ng		97
60) Diethylphthalate	15.24	149	5160660	46.096	ng		99
61) 4-Chlorophenyl-phenylether	15.46	204	2486141	42.988	ng		98
62) 4-Nitroaniline	15.50	138	1054676	40.829	ng		98
63) Azobenzene	15.75	77	4085204	44.756	ng		96
65) 4,6-Dinitro-2-methylphenol	15.55	198	739706	40.011	ng		90
66) n-Nitrosodiphenylamine	15.67	169	4256549	46.113	ng		99
67) 4-Bromophenyl-phenylether	16.35	248	1501955	45.103	ng		98
68) Hexachlorobenzene	16.46	284	1641880	44.043	ng		97
69) Atrazine	16.63	200	1564132	46.872	ng		99
70) Pentachlorophenol	16.81	266	2086223	85.449	ng		97
71) Phenanthrene	17.20	178	7481258	47.266	ng		100
72) Anthracene	17.29	178	7624990	50.098	ng		99
73) Carbazole	17.57	167	6951689	44.456	ng		100
74) Di-n-butylphthalate	18.12	149	8542173	49.871	ng		99
75) Fluoranthene	19.22	202	8602103	47.139	ng		98
77) Benzidine	19.42	184	3573526	50.701	ng		100
78) Pyrene	19.59	202	8755238	51.745	ng		98
80) Butylbenzylphthalate	20.49	149	3949522	54.703	ng		98
81) Benzo(a)anthracene	21.34	228	8176147	48.620	ng		99
82) 3,3'-Dichlorobenzidine	21.27	252	1148769	18.065	ng		99
83) Chrysene	21.39	228	7636833	47.029	ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	5620555	53.911	ng		98
85) Di-n-octyl phthalate	22.15	149	9186321	52.388	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.97	276	6987044	37.314	ng		97
88) Benzo(b)fluoranthene	22.95	252	7004837	50.128	ng		98
89) Benzo(k)fluoranthene	23.00	252	7100250	50.418	ng		98
90) Benzo(a)pyrene	23.54	252	6656957	49.760	ng		98
91) Dibenzo(a,h)anthracene	25.98	278	5902955	43.547	ng		97
92) Benzo(g,h,i)perylene	26.68	276	5674927	43.021	ng		98

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

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