Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018784.D
Acq On : 12 Feb 2019 22:06
Operator : JU/SJ
Sample : K1460-05MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MS

Manual Integrations APPROVED
Sohil
2/13/2019 12:20:48 PM

Quant Time: Feb 13 03:08:14 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	7.72	152	352817	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1477547	20.00	ng		0.00
39) Acenaphthene-d10	14.36	164	851528	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	1905418	20.00	ng		0.00
76) Chrysene-d12	21.31	240	1891406	20.00	ng		0.00
87) Perylene-d12	23.57	264	1565524	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1348990	62.65	ng		0.00
7) Phenol-d6	6.89	99	1205832	39.75	ng		0.00
23) Nitrobenzene-d5	8.89	82	2762047	86.44	ng		0.00
42) 2,4,6-Tribromophenol	15.87	330	1650515	134.47	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	5476774	85.38	ng		0.00
79) Terphenyl-d14	19.75	244	8485143	92.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	144101	15.365	ng		99
3) Pyridine	3.66	79	350905	13.717	ng		99
4) n-Nitrosodimethylamine	3.58	42	136272	20.939	ng	#	90
6) Aniline	7.06	93	987099	26.558	ng		98
8) 2-Chlorophenol	7.28	128	857887	36.287	ng		98
9) Benzaldehyde	6.87	77	521407	29.177	ng		98
10) Phenol	6.92	94	616055	19.301	ng		98
11) bis(2-Chloroethyl)ether	7.15	93	1036727	42.579	ng		98
12) 1,3-Dichlorobenzene	7.60	146	1016416	38.234	ng		99
13) 1,4-Dichlorobenzene	7.75	146	1037987	38.354	ng		99
14) 1,2-Dichlorobenzene	8.06	146	1009673	38.839	ng		99
15) Benzyl Alcohol	7.96	79	671277	27.849	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	975366	41.390	ng		99
17) 2-Methylphenol	8.16	107	639126	31.461	ng		98
18) Hexachloroethane	8.78	117	384221	38.891	ng		99
19) n-Nitroso-di-n-propylamine	8.53	70	1009140	42.965	ng		100
20) 3+4-Methylphenols	8.49	107	777690	27.723	ng		97
22) Acetophenone	8.55	105	1662097	40.962	ng		100
24) Nitrobenzene	8.93	77	1408689	42.470	ng		100
25) Isophorone	9.45	82	2560813	50.225	ng		100
26) 2-Nitrophenol	9.63	139	559907	42.388	ng		99
27) 2,4-Dimethylphenol	9.69	122	852980	44.212	ng		99
28) bis(2-Chloroethoxy)methane	9.93	93	1496089	45.375	ng		93
29) 2,4-Dichlorophenol	10.16	162	941620	42.506	ng		99
30) 1,2,4-Trichlorobenzene	10.36	180	1016749	39.743	ng		97
31) Naphthalene	10.56	128	3184464	44.191	ng		99
32) Benzoic acid	9.81	122	246513	14.648	ng		95
33) 4-Chloroaniline	10.68	127	986848	30.636	ng		99
34) Hexachlorobutadiene	10.82	225	560137	37.721	ng		98
35) Caprolactam	11.62	113	54005m	5.973	ng		
36) 4-Chloro-3-methylphenol	11.80	107	1046277	39.173	ng		100
37) 2-Methylnaphthalene	12.17	142	2399707	47.298	ng		99
38) 1-Methylnaphthalene	12.39	142	2272044	45.795	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1143881	41.993	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1435922	103.105 ng	100
43) 2,4,6-Trichlorophenol	12.79	196	805761	44.684 ng	99
44) 2,4,5-Trichlorophenol	12.86	196	858852	45.441 ng	98
46) 1,1'-Biphenyl	13.19	154	3079159	42.009 ng	100
47) 2-Chloronaphthalene	13.24	162	2387575	42.173 ng	99
48) 2-Nitroaniline	13.46	65	876139	46.596 ng	98
49) Acenaphthylene	14.09	152	3905169	46.325 ng	99
50) Dimethylphthalate	13.83	163	3142630	44.284 ng	99
51) 2,6-Dinitrotoluene	13.96	165	690725	44.932 ng	97
52) Acenaphthene	14.43	154	2277152	44.054 ng	100
53) 3-Nitroaniline	14.30	138	587325	33.813 ng	99
54) 2,4-Dinitrophenol	14.50	184	807851	82.615 ng	96
55) Dibenzofuran	14.77	168	3698692	43.534 ng	100
56) 4-Nitrophenol	14.61	139	473159	34.124 ng	98
57) 2,4-Dinitrotoluene	14.75	165	982720	46.397 ng	99
58) Fluorene	15.42	166	3028913	46.600 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	787879	47.160 ng	100
60) Diethylphthalate	15.20	149	3291100	44.957 ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	1531049	42.012 ng	95
62) 4-Nitroaniline	15.46	138	678340	39.835 ng	98
63) Azobenzene	15.71	77	3480141	44.338 ng	98
65) 4,6-Dinitro-2-methylphenol	15.51	198	526689	39.369 ng	99
66) n-Nitrosodiphenylamine	15.64	169	2657376	44.143 ng	100
67) 4-Bromophenyl-phenylether	16.31	248	915789	42.939 ng	100
68) Hexachlorobenzene	16.41	284	1045743	42.183 ng	99
69) Atrazine	16.60	200	871250	44.892 ng	100
70) Pentachlorophenol	16.77	266	1343464	84.166 ng	99
71) Phenanthrene	17.16	178	4701747	45.915 ng	100
72) Anthracene	17.25	178	4817103	48.331 ng	99
73) Carbazole	17.53	167	4477868	43.003 ng	100
74) Di-n-butylphthalate	18.09	149	5703730	47.627 ng	100
75) Fluoranthene	19.18	202	5471291	46.255 ng	99
77) Benzidine	19.38	184	822546	19.310 ng	100
78) Pyrene	19.54	202	5600667	50.984 ng	100
80) Butylbenzylphthalate	20.44	149	2707997	54.091 ng	98
81) Benzo(a)anthracene	21.29	228	5295797	48.033 ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	1472826	33.801 ng	100
83) Chrysene	21.34	228	4923942	46.595 ng	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	3845558	52.482 ng	99
85) Di-n-octyl phthalate	22.10	149	6330082	51.401 ng	100
86) Indeno(1,2,3-cd)pyrene	25.87	276	4350217	35.655 ng	100
88) Benzo(b)fluoranthene	22.89	252	4636631	51.766 ng	100
89) Benzo(k)fluoranthene	22.93	252	4537998	50.890 ng	100
90) Benzo(a)pyrene	23.47	252	4224501	49.787 ng	100
91) Dibenzo(a,h)anthracene	25.87	278	3715644	44.199 ng	99
92) Benzo(g,h,i)perylene	26.57	276	3435592	43.898 ng	100

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

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