Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018420.D
Acq On : 28 Dec 2018 06:03
Operator : JU/SJ
Sample : J6574-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381211744-2MSD

Quant Time: Dec 28 08:09:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 14:18:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	509288	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	2328057	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	1395444	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	3185701	20.00	ng		0.00
76) Chrysene-d12	21.37	240	3348267	20.00	ng		0.00
87) Perylene-d12	23.66	264	3221881	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	720434	26.67	ng		0.00
7) Phenol-d6	6.95	99	721598	19.24	ng		0.00
23) Nitrobenzene-d5	8.95	82	1728912	42.62	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	1161311	65.50	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	4924097	47.79	ng		0.00
79) Terphenyl-d14	19.81	244	9770702	62.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	3339	0.304	ng	#	41
3) Pyridine	3.69	79	307517	10.134	ng		97
4) n-Nitrosodimethylamine	3.62	42	171686	13.876	ng	#	93
6) Aniline	7.12	93	6501m	0.139	ng		
8) 2-Chlorophenol	7.35	128	652574	20.033	ng		96
9) Benzaldehyde	6.93	77	4605	0.175	ng	#	87
10) Phenol	6.97	94	371197	9.619	ng		98
11) bis(2-Chloroethyl)ether	7.22	93	547079	18.188	ng		95
12) 1,3-Dichlorobenzene	7.67	146	702429	18.357	ng		100
13) 1,4-Dichlorobenzene	7.82	146	730954	18.802	ng		98
14) 1,2-Dichlorobenzene	8.13	146	706260	18.515	ng		98
15) Benzyl Alcohol	8.02	79	2226	0.076	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	8.31	45	587172	12.258	ng		99
17) 2-Methylphenol	8.22	107	525707	19.231	ng		98
18) Hexachloroethane	8.85	117	252595	18.203	ng		96
19) n-Nitroso-di-n-propylamine	8.59	70	552399	19.332	ng		98
20) 3+4-Methylphenols	8.55	107	766942	20.912	ng		91
22) Acetophenone	8.61	105	7674	0.130	ng	#	72
24) Nitrobenzene	8.99	77	782351	19.490	ng		98
25) Isophorone	9.50	82	1449427	20.600	ng		98
26) 2-Nitrophenol	9.69	139	359526	25.272	ng		99
27) 2,4-Dimethylphenol	9.75	122	667034	22.888	ng		99
28) bis(2-Chloroethoxy)methane	9.99	93	777705	17.611	ng		99
29) 2,4-Dichlorophenol	10.22	162	772110	23.954	ng		98
30) 1,2,4-Trichlorobenzene	10.44	180	754819	19.116	ng		98
31) Naphthalene	10.63	128	2282225	20.339	ng		99
32) Benzoic acid	9.83	122	140692	13.167	ng		98
33) 4-Chloroaniline	10.75	127	14152	0.275	ng	#	54
34) Hexachlorobutadiene	10.90	225	438684	18.297	ng		98
35) Caprolactam	11.54	113	2173	0.182	ng	#	1
36) 4-Chloro-3-methylphenol	11.86	107	1028184	28.141	ng		99
37) 2-Methylnaphthalene	12.25	142	1672	0.020	ng	#	34
38) 1-Methylnaphthalene	12.46	142	5224	0.065	ng	#	79
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	902912	20.668	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	434823	20.527 ng		98
43) 2,4,6-Trichlorophenol	12.85	196	746895	30.099 ng		99
44) 2,4,5-Trichlorophenol	12.92	196	932548	34.389 ng		98
46) 1,1'-Biphenyl	13.26	154	11891	0.100 ng		93
47) 2-Chloronaphthalene	13.30	162	1931286	21.146 ng		99
48) 2-Nitroaniline	13.48	65	1566	0.064 ng	#	3
49) Acenaphthylene	14.15	152	3344043	23.783 ng		100
50) Dimethylphthalate	13.89	163	3108809	26.666 ng		100
51) 2,6-Dinitrotoluene	14.02	165	664904	27.175 ng		93
52) Acenaphthene	14.49	154	2025232	23.867 ng		99
53) 3-Nitroaniline	14.32	138	108	0.004 ng	#	88
54) 2,4-Dinitrophenol	14.54	184	229555	37.851 ng		92
55) Dibenzofuran	14.83	168	11542	0.083 ng	#	78
56) 4-Nitrophenol	14.64	139	271349	16.419 ng		96
57) 2,4-Dinitrotoluene	14.80	165	1040779	31.438 ng		98
58) Fluorene	15.48	166	2905029	26.862 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	767500	30.647 ng		99
60) Diethylphthalate	15.26	149	3448444	28.280 ng		100
61) 4-Chlorophenyl-phenylether	15.47	204	1419703	23.894 ng		98
62) 4-Nitroaniline	15.48	138	42709	1.475 ng	#	29
63) Azobenzene	15.77	77	2699979	24.294 ng		99
65) 4,6-Dinitro-2-methylphenol	15.56	198	426140	35.616 ng		91
66) n-Nitrosodiphenylamine	15.69	169	2505810	25.238 ng		99
67) 4-Bromophenyl-phenylether	16.37	248	937673	27.029 ng		96
68) Hexachlorobenzene	16.47	284	1090240	27.743 ng		99
70) Pentachlorophenol	16.82	266	663591	28.959 ng		99
71) Phenanthrene	17.22	178	5101543	30.252 ng		99
72) Anthracene	17.32	178	5231611	31.142 ng		100
73) Carbazole	17.59	167	5156264	29.225 ng		100
74) Di-n-butylphthalate	18.14	149	6357132	31.702 ng		99
75) Fluoranthene	19.24	202	6192613	31.007 ng		99
77) Benzidine	19.43	184	2513341	26.261 ng		99
78) Pyrene	19.60	202	6451926	33.197 ng		99
80) Butylbenzylphthalate	20.51	149	2985400	35.826 ng		99
81) Benzo(a)anthracene	21.36	228	6276034	31.913 ng		100
82) 3,3'-Dichlorobenzidine	21.30	252	6996013	92.596 ng		99
83) Chrysene	21.41	228	6018599	31.722 ng		99
84) Bis(2-ethylhexyl)phthalate	21.28	149	5422529	41.388 ng		100
85) Di-n-octyl phthalate	22.18	149	7519118	34.720 ng		98
86) Indeno(1,2,3-cd)pyrene	26.00	276	5830390	24.826 ng		99
88) Benzo(b)fluoranthene	22.97	252	6356315	35.371 ng		100
89) Benzo(k)fluoranthene	23.02	252	5824862	32.408 ng		99
90) Benzo(a)pyrene	23.57	252	5565476	32.239 ng		99
91) Dibenzo(a,h)anthracene	26.01	278	5029531	27.977 ng		100
92) Benzo(g,h,i)perylene	26.71	276	4459723	25.908 ng		100

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

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