Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018419.D
Acq On : 28 Dec 2018 05:27
Operator : JU/SJ
Sample : J6574-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381211744-2MS

Quant Time: Dec 28 07:58:23 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	426055	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	1986063	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	1200352	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	2744026	20.00	ng		0.00
76) Chrysene-d12	21.37	240	3038905	20.00	ng		0.00
87) Perylene-d12	23.66	264	3092986	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	453724	20.08	ng		0.00
7) Phenol-d6	6.95	99	459273	14.64	ng		0.00
23) Nitrobenzene-d5	8.95	82	1057819	30.57	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	872667	57.22	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	3063083	34.56	ng		0.00
79) Terphenyl-d14	19.81	244	8127396	56.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	2075	0.225	ng	#	47
3) Pyridine	3.70	79	217084	8.552	ng		99
4) n-Nitrosodimethylamine	3.62	42	102292	9.883	ng	#	86
6) Aniline	7.12	93	6735	0.172	ng	#	84
8) 2-Chlorophenol	7.35	128	403280	14.798	ng		97
9) Benzaldehyde	6.94	77	4044	0.184	ng	#	49
10) Phenol	6.97	94	241102	7.469	ng		98
11) bis(2-Chloroethyl)ether	7.22	93	340946	13.549	ng		96
12) 1,3-Dichlorobenzene	7.67	146	436060	13.622	ng		98
13) 1,4-Dichlorobenzene	7.82	146	446373	13.725	ng		98
14) 1,2-Dichlorobenzene	8.13	146	438377	13.737	ng		99
15) Benzyl Alcohol	8.04	79	1078	0.044	ng	#	37
16) 2,2'-oxybis(1-Chloropropan	8.32	45	361957	9.033	ng		96
17) 2-Methylphenol	8.22	107	335247	14.659	ng		98
18) Hexachloroethane	8.85	117	153068	13.186	ng		99
19) n-Nitroso-di-n-propylamine	8.59	70	344516	14.412	ng		97
20) 3+4-Methylphenols	8.54	107	486276	15.849	ng		92
22) Acetophenone	8.61	105	5497	0.109	ng	#	55
24) Nitrobenzene	8.99	77	481656	14.065	ng		99
25) Isophorone	9.50	82	880592	14.671	ng		99
26) 2-Nitrophenol	9.69	139	208223	19.708	ng		98
27) 2,4-Dimethylphenol	9.75	122	444452	17.877	ng		99
28) bis(2-Chloroethoxy)methane	9.99	93	479134	12.718	ng		98
29) 2,4-Dichlorophenol	10.22	162	479788	17.448	ng		100
30) 1,2,4-Trichlorobenzene	10.43	180	464139	13.779	ng		97
31) Naphthalene	10.63	128	1412804	14.759	ng		98
32) Benzoic acid	9.82	122	73630	9.490	ng		95
33) 4-Chloroaniline	10.76	127	8775	0.200	ng	#	40
34) Hexachlorobutadiene	10.90	225	268245	13.115	ng		98
35) Caprolactam	11.53	113	1246	0.123	ng	#	1
36) 4-Chloro-3-methylphenol	11.86	107	691592	22.188	ng		97
37) 2-Methylnaphthalene	12.24	142	716	0.010	ng	#	59
38) 1-Methylnaphthalene	12.46	142	3037	0.045	ng	#	70
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	558648	14.866	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	252769	13.872	ng		99
43) 2,4,6-Trichlorophenol	12.85	196	477578	22.373	ng		99
44) 2,4,5-Trichlorophenol	12.92	196	634617	27.206	ng		98
46) 1,1'-Biphenyl	13.26	154	7496	0.073	ng		97
47) 2-Chloronaphthalene	13.30	162	1197249	15.239	ng		99
48) 2-Nitroaniline	13.49	65	816	0.039	ng	#	3
49) Acenaphthylene	14.15	152	2125281	17.571	ng		99
50) Dimethylphthalate	13.89	163	2144307	21.382	ng		99
51) 2,6-Dinitrotoluene	14.02	165	455363	21.635	ng		92
52) Acenaphthene	14.49	154	1289514	17.667	ng		97
53) 3-Nitroaniline	14.35	138	2578	0.110	ng	#	3
54) 2,4-Dinitrophenol	14.54	184	149883	31.343	ng		93
55) Dibenzofuran	14.83	168	7642	0.064	ng	#	80
56) 4-Nitrophenol	14.64	139	216466	15.638	ng		97
57) 2,4-Dinitrotoluene	14.80	165	767241	26.942	ng		99
58) Fluorene	15.48	166	1988071	21.371	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	560114	26.001	ng		99
60) Diethylphthalate	15.26	149	2536877	24.186	ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	960313	18.789	ng		98
62) 4-Nitroaniline	15.48	138	27543	1.106	ng	#	30
63) Azobenzene	15.77	77	1881383	19.679	ng		99
65) 4,6-Dinitro-2-methylphenol	15.56	198	301720	30.920	ng		93
66) n-Nitrosodiphenylamine	15.69	169	1886243	22.056	ng		99
67) 4-Bromophenyl-phenylether	16.37	248	670641	22.443	ng		98
68) Hexachlorobenzene	16.47	284	804942	23.780	ng		98
70) Pentachlorophenol	16.82	266	504779	25.575	ng		98
71) Phenanthrene	17.22	178	3858055	26.560	ng		100
72) Anthracene	17.32	178	4012866	27.732	ng		100
73) Carbazole	17.59	167	4194229	27.599	ng		100
74) Di-n-butylphthalate	18.14	149	5179066	29.985	ng		99
75) Fluoranthene	19.24	202	5043168	29.316	ng		100
77) Benzidine	19.43	184	3156410	36.337	ng		99
78) Pyrene	19.60	202	5325900	30.193	ng		100
80) Butylbenzylphthalate	20.51	149	2500434	33.573	ng		96
81) Benzo(a)anthracene	21.35	228	5335186	29.891	ng		100
82) 3,3'-Dichlorobenzidine	21.30	252	5991303	87.371	ng		99
83) Chrysene	21.41	228	5104041	29.640	ng		99
84) Bis(2-ethylhexyl)phthalate	21.28	149	4608691	38.757	ng		100
85) Di-n-octyl phthalate	22.18	149	6473693	32.936	ng		97
86) Indeno(1,2,3-cd)pyrene	26.00	276	5436265	25.504	ng		99
88) Benzo(b)fluoranthene	22.97	252	5477031	31.748	ng		100
89) Benzo(k)fluoranthene	23.01	252	5307183	30.758	ng		99
90) Benzo(a)pyrene	23.56	252	4949633	29.867	ng		99
91) Dibenzo(a,h)anthracene	26.01	278	4696825	27.215	ng		100
92) Benzo(g,h,i)perylene	26.71	276	4142870	25.070	ng		99

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

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