Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
Data File : BM020216.D
Acq On : 09 May 2019 14:27
Operator : JU/SJ
Sample : K2555-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HW-7MSD

Quant Time: May 10 05:05:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	138784	20.00	ng		-0.02
21) Naphthalene-d8	10.57	136	489580	20.00	ng		-0.02
39) Acenaphthene-d10	14.42	164	295329	20.00	ng		-0.01
64) Phenanthrene-d10	17.17	188	712240	20.00	ng		0.00
76) Chrysene-d12	21.36	240	728025	20.00	ng		-0.01
87) Perylene-d12	23.64	264	826203	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	488277	57.51	ng		0.00
7) Phenol-d6	6.95	99	403774	34.81	ng		0.00
23) Nitrobenzene-d5	8.95	82	1133325	91.39	ng		-0.01
42) 2,4,6-Tribromophenol	15.92	330	650168	141.83	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	2225093	92.70	ng		-0.02
79) Terphenyl-d14	19.80	244	3972206	95.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	71200	17.098	ng		94
3) Pyridine	3.70	79	165396	15.530	ng		97
4) n-Nitrosodimethylamine	3.62	42	56547	16.558	ng	#	70
6) Aniline	7.11	93	297297	20.361	ng		99
8) 2-Chlorophenol	7.34	128	285229	30.853	ng		97
9) Benzaldehyde	6.93	77	123552	14.074	ng		97
10) Phenol	6.97	94	142123	11.382	ng		95
11) bis(2-Chloroethyl)ether	7.21	93	393754	43.386	ng		96
12) 1,3-Dichlorobenzene	7.66	146	395702	36.788	ng		97
13) 1,4-Dichlorobenzene	7.81	146	401697	36.969	ng		96
14) 1,2-Dichlorobenzene	8.13	146	384350	37.127	ng		97
15) Benzyl Alcohol	8.02	79	271546	24.278	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.30	45	292823	38.911	ng		96
17) 2-Methylphenol	8.22	107	204655	25.460	ng		95
18) Hexachloroethane	8.85	117	156925	34.636	ng		97
19) n-Nitroso-di-n-propylamine	8.58	70	387528	39.051	ng		94
20) 3+4-Methylphenols	8.55	107	244978	22.931	ng		94
22) Acetophenone	8.60	105	611983	45.738	ng	#	96
24) Nitrobenzene	8.99	77	544039	42.313	ng		95
25) Isophorone	9.50	82	964679	45.111	ng		98
26) 2-Nitrophenol	9.69	139	186000	47.918	ng		95
27) 2,4-Dimethylphenol	9.75	122	260287	40.277	ng		97
28) bis(2-Chloroethoxy)methane	9.99	93	531801	45.660	ng		100
29) 2,4-Dichlorophenol	10.22	162	326326	40.046	ng		93
30) 1,2,4-Trichlorobenzene	10.43	180	423290	42.216	ng		96
31) Naphthalene	10.62	128	1087170	42.792	ng		99
32) Benzoic acid	9.84	122	49350	15.865	ng		94
33) 4-Chloroaniline	10.74	127	264391	25.284	ng		97
34) Hexachlorobutadiene	10.89	225	261549	36.874	ng		100
35) Caprolactam	11.58	113	18320m	7.519	ng		
36) 4-Chloro-3-methylphenol	11.86	107	329429	34.401	ng		97
37) 2-Methylnaphthalene	12.23	142	825436	44.565	ng		97
38) 1-Methylnaphthalene	12.46	142	794493	43.866	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	522030	45.180	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	643745	94.623 ng		99
43) 2,4,6-Trichlorophenol	12.85	196	304291	46.339 ng		99
44) 2,4,5-Trichlorophenol	12.92	196	315570	43.017 ng		97
46) 1,1'-Biphenyl	13.25	154	1115528	45.891 ng		98
47) 2-Chloronaphthalene	13.30	162	880602	45.372 ng		99
48) 2-Nitroaniline	13.52	65	314951	45.581 ng		91
49) Acenaphthylene	14.14	152	1368846	44.070 ng		99
50) Dimethylphthalate	13.89	163	1171701	46.680 ng		98
51) 2,6-Dinitrotoluene	14.01	165	253204	47.894 ng		88
52) Acenaphthene	14.49	154	813198	45.654 ng		99
53) 3-Nitroaniline	14.34	138	141369	28.811 ng		97
54) 2,4-Dinitrophenol	14.55	184	262383	97.062 ng		91
55) Dibenzofuran	14.83	168	1362564	45.351 ng		96
56) 4-Nitrophenol	14.65	139	119512	28.547 ng		84
57) 2,4-Dinitrotoluene	14.80	165	352079	49.011 ng		93
58) Fluorene	15.47	166	1110477	45.004 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	307884	44.164 ng		95
60) Diethylphthalate	15.24	149	1149983	45.474 ng		100
61) 4-Chlorophenyl-phenylether	15.47	204	639248	45.723 ng		94
62) 4-Nitroaniline	15.51	138	218910	40.427 ng		93
63) Azobenzene	15.76	77	1245014	41.732 ng		96
65) 4,6-Dinitro-2-methylphenol	15.56	198	175174	48.634 ng		94
66) n-Nitrosodiphenylamine	15.69	169	993872	47.422 ng		99
67) 4-Bromophenyl-phenylether	16.36	248	399405	45.730 ng		96
68) Hexachlorobenzene	16.47	284	452624	45.035 ng		96
69) Atrazine	16.64	200	373567	45.611 ng		97
70) Pentachlorophenol	16.82	266	499319	86.831 ng		99
71) Phenanthrene	17.22	178	1775683	45.164 ng		100
72) Anthracene	17.30	178	1817484	46.236 ng		100
73) Carbazole	17.58	167	1604370	45.233 ng		99
74) Di-n-butylphthalate	18.13	149	1951219	45.712 ng		97
75) Fluoranthene	19.23	202	2229628	44.821 ng		99
77) Benzidine	19.43	184	843760	36.251 ng		98
78) Pyrene	19.60	202	2260836	46.254 ng		100
80) Butylbenzylphthalate	20.49	149	911573	51.284 ng		99
81) Benzo(a)anthracene	21.34	228	2228146	43.641 ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	622001	31.920 ng		100
83) Chrysene	21.40	228	2235893	45.155 ng		100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1323169	47.972 ng		99
85) Di-n-octyl phthalate	22.15	149	2285139	49.847 ng		97
86) Indeno(1,2,3-cd)pyrene	25.99	276	2929408	49.737 ng	#	100
88) Benzo(b)fluoranthene	22.96	252	2500627	45.834 ng		100
89) Benzo(k)fluoranthene	23.00	252	2311325	46.443 ng		99
90) Benzo(a)pyrene	23.55	252	2337227	47.163 ng		99
91) Dibenzo(a,h)anthracene	26.00	278	2508689	48.678 ng		99
92) Benzo(g,h,i)perylene	26.70	276	2427518	49.613 ng		99

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

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