Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
Data File : BM020215.D
Acq On : 09 May 2019 13:51
Operator : JU/SJ
Sample : K2555-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HW-7MS

Quant Time: May 10 05:03:07 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	134137	20.00	ng		-0.02
21) Naphthalene-d8	10.57	136	480990	20.00	ng		-0.02
39) Acenaphthene-d10	14.42	164	289688	20.00	ng		-0.01
64) Phenanthrene-d10	17.17	188	706852	20.00	ng		0.00
76) Chrysene-d12	21.36	240	727206	20.00	ng		-0.01
87) Perylene-d12	23.64	264	823448	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	395482	48.19	ng		0.00
7) Phenol-d6	6.95	99	339817	30.31	ng		0.00
23) Nitrobenzene-d5	8.95	82	1079170	88.58	ng		-0.01
42) 2,4,6-Tribromophenol	15.92	330	546246	121.48	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	2172720	92.28	ng		-0.02
79) Terphenyl-d14	19.80	244	4052057	97.19	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	70282	17.463	ng		94
3) Pyridine	3.70	79	101565	9.867	ng		99
4) n-Nitrosodimethylamine	3.62	42	52330	15.854	ng	#	76
6) Aniline	7.12	93	211880	15.014	ng		95
8) 2-Chlorophenol	7.35	128	244770	27.394	ng		96
9) Benzaldehyde	6.93	77	57048	6.723	ng		91
10) Phenol	6.97	94	125752	10.420	ng		95
11) bis(2-Chloroethyl)ether	7.21	93	382146	43.565	ng		98
12) 1,3-Dichlorobenzene	7.66	146	387145	37.239	ng		96
13) 1,4-Dichlorobenzene	7.82	146	398039	37.901	ng		96
14) 1,2-Dichlorobenzene	8.13	146	384195	38.398	ng		95
15) Benzyl Alcohol	8.02	79	267211	24.719	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	290192	39.897	ng		96
17) 2-Methylphenol	8.22	107	178966	23.036	ng		96
18) Hexachloroethane	8.85	117	151251	34.540	ng		94
19) n-Nitroso-di-n-propylamine	8.58	70	388971	40.554	ng		94
20) 3+4-Methylphenols	8.55	107	214129	20.738	ng		96
22) Acetophenone	8.60	105	618632	47.060	ng	#	96
24) Nitrobenzene	8.99	77	547686	43.358	ng		96
25) Isophorone	9.50	82	979005	46.598	ng		99
26) 2-Nitrophenol	9.69	139	155768	40.846	ng		92
27) 2,4-Dimethylphenol	9.75	122	247670	39.009	ng		96
28) bis(2-Chloroethoxy)methane	9.99	93	531826	46.478	ng		100
29) 2,4-Dichlorophenol	10.22	162	282939	35.341	ng		97
30) 1,2,4-Trichlorobenzene	10.43	180	419899	42.626	ng		96
31) Naphthalene	10.62	128	1099303	44.042	ng		99
32) Benzoic acid	9.84	122	55666	17.236	ng		95
33) 4-Chloroaniline	10.74	127	221224	21.534	ng		97
34) Hexachlorobutadiene	10.89	225	267365	38.367	ng		98
35) Caprolactam	11.57	113	19211m	8.025	ng		
36) 4-Chloro-3-methylphenol	11.86	107	294658	31.320	ng		96
37) 2-Methylnaphthalene	12.23	142	839237	46.120	ng		96
38) 1-Methylnaphthalene	12.46	142	812690	45.672	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	536323	47.321	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	643938	96.494 ng		98
43) 2,4,6-Trichlorophenol	12.85	196	266540	41.380 ng		99
44) 2,4,5-Trichlorophenol	12.92	196	279304	38.815 ng		96
46) 1,1'-Biphenyl	13.26	154	1145183	48.028 ng		99
47) 2-Chloronaphthalene	13.30	162	907925	47.691 ng		98
48) 2-Nitroaniline	13.52	65	321916	47.496 ng		92
49) Acenaphthylene	14.14	152	1401082	45.986 ng		99
50) Dimethylphthalate	13.89	163	1205750	48.972 ng		98
51) 2,6-Dinitrotoluene	14.02	165	260884	50.308 ng	#	84
52) Acenaphthene	14.49	154	841414	48.158 ng		99
53) 3-Nitroaniline	14.34	138	140515	29.195 ng		96
54) 2,4-Dinitrophenol	14.55	184	247798	93.767 ng		90
55) Dibenzofuran	14.82	168	1412705	47.936 ng		97
56) 4-Nitrophenol	14.65	139	111480	27.147 ng	#	85
57) 2,4-Dinitrotoluene	14.80	165	373682	53.031 ng		90
58) Fluorene	15.47	166	1158776	47.876 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	277977	40.651 ng		95
60) Diethylphthalate	15.24	149	1192885	48.089 ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	663912	48.412 ng		93
62) 4-Nitroaniline	15.51	138	230570	43.409 ng		94
63) Azobenzene	15.76	77	1294240	44.227 ng		97
65) 4,6-Dinitro-2-methylphenol	15.56	198	157595	44.757 ng		90
66) n-Nitrosodiphenylamine	15.69	169	1027919	49.420 ng		99
67) 4-Bromophenyl-phenylether	16.36	248	417223	48.135 ng		95
68) Hexachlorobenzene	16.47	284	481551	48.278 ng		95
69) Atrazine	16.64	200	358474	44.102 ng		98
70) Pentachlorophenol	16.82	266	450582	78.953 ng		97
71) Phenanthrene	17.22	178	1872779	47.997 ng		100
72) Anthracene	17.30	178	1892482	48.510 ng		99
73) Carbazole	17.58	167	1701926	48.349 ng		98
74) Di-n-butylphthalate	18.13	149	2080083	49.102 ng		97
75) Fluoranthene	19.23	202	2375402	48.116 ng		99
77) Benzidine	19.42	184	355612	15.296 ng		99
78) Pyrene	19.60	202	2418849	49.542 ng		100
80) Butylbenzylphthalate	20.49	149	975060	54.918 ng		98
81) Benzo(a)anthracene	21.34	228	2369344	46.459 ng		100
82) 3,3'-Dichlorobenzidine	21.28	252	689183	35.407 ng		98
83) Chrysene	21.40	228	2376177	48.042 ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1406714	51.059 ng		99
85) Di-n-octyl phthalate	22.15	149	2442005	53.329 ng		97
86) Indeno(1,2,3-cd)pyrene	25.99	276	3082002	52.387 ng	#	100
88) Benzo(b)fluoranthene	22.96	252	2612690	48.048 ng		100
89) Benzo(k)fluoranthene	23.00	252	2469585	49.789 ng		99
90) Benzo(a)pyrene	23.55	252	2474377	50.098 ng		98
91) Dibenzo(a,h)anthracene	26.00	278	2644469	51.484 ng		99
92) Benzo(g,h,i)perylene	26.70	276	2562548	52.548 ng		99

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

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