Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020243.D
Acq On : 10 May 2019 15:51
Operator : JU/SJ
Sample : K2555-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HW-7MS

Manual Integrations APPROVED
mohammad
5/13/2019 8:25:09 AM

Quant Time: May 11 02:06:42 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	67961	20.00	ng		-0.02
21) Naphthalene-d8	10.57	136	293546	20.00	ng		-0.02
39) Acenaphthene-d10	14.42	164	200770	20.00	ng		-0.01
64) Phenanthrene-d10	17.17	188	515421	20.00	ng		-0.01
76) Chrysene-d12	21.36	240	589024	20.00	ng		0.00
87) Perylene-d12	23.65	264	642797	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	222532	53.52	ng		-0.01
7) Phenol-d6	6.94	99	211128	37.17	ng		-0.01
23) Nitrobenzene-d5	8.95	82	656490	88.29	ng		-0.01
42) 2,4,6-Tribromophenol	15.92	330	391936	125.77	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	1439928	88.24	ng		-0.02
79) Terphenyl-d14	19.80	244	3100944	91.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	30824	15.116	ng		97
3) Pyridine	3.70	79	57088	10.947	ng		96
4) n-Nitrosodimethylamine	3.62	42	27617	16.514	ng	#	74
6) Aniline	7.11	93	123605	17.287	ng		99
8) 2-Chlorophenol	7.34	128	144495	31.918	ng		96
9) Benzaldehyde	6.93	77	29419	6.843	ng		96
10) Phenol	6.97	94	79726	13.038	ng		91
11) bis(2-Chloroethyl)ether	7.20	93	218010	49.054	ng		96
12) 1,3-Dichlorobenzene	7.66	146	200433	38.053	ng		96
13) 1,4-Dichlorobenzene	7.81	146	204430	38.420	ng		96
14) 1,2-Dichlorobenzene	8.12	146	204520	40.344	ng		98
15) Benzyl Alcohol	8.02	79	162134	29.603	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	172275	46.748	ng		99
17) 2-Methylphenol	8.22	107	114855	29.179	ng		95
18) Hexachloroethane	8.84	117	77863	35.095	ng		99
19) n-Nitroso-di-n-propylamine	8.58	70	239871	49.361	ng		95
20) 3+4-Methylphenols	8.55	107	140656	26.887	ng		95
22) Acetophenone	8.60	105	376233	46.896	ng	#	96
24) Nitrobenzene	8.99	77	330214	42.834	ng		96
25) Isophorone	9.50	82	628431	49.012	ng		99
26) 2-Nitrophenol	9.69	139	96958	41.659	ng		95
27) 2,4-Dimethylphenol	9.75	122	157625	40.680	ng		96
28) bis(2-Chloroethoxy)methane	9.99	93	333257	47.722	ng		100
29) 2,4-Dichlorophenol	10.22	162	183692	37.596	ng		99
30) 1,2,4-Trichlorobenzene	10.43	180	248577	41.347	ng		98
31) Naphthalene	10.62	128	671997	44.114	ng		99
32) Benzoic acid	9.84	122	39204	18.872	ng	#	85
33) 4-Chloroaniline	10.74	127	143726	22.924	ng		96
34) Hexachlorobutadiene	10.88	225	148643	34.951	ng		99
35) Caprolactam	11.55	113	13184m	9.024	ng		
36) 4-Chloro-3-methylphenol	11.86	107	202295	35.232	ng		95
37) 2-Methylnaphthalene	12.23	142	551836	49.690	ng		97
38) 1-Methylnaphthalene	12.46	142	533721	49.147	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	339539	43.226	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	319542	69.090	ng		98
43) 2,4,6-Trichlorophenol	12.84	196	181720	40.707	ng		100
44) 2,4,5-Trichlorophenol	12.92	196	192377	38.575	ng	#	98
46) 1,1'-Biphenyl	13.25	154	770946	46.652	ng		99
47) 2-Chloronaphthalene	13.29	162	610482	46.269	ng		99
48) 2-Nitroaniline	13.51	65	225527	48.012	ng		93
49) Acenaphthylene	14.14	152	971390	46.003	ng		100
50) Dimethylphthalate	13.89	163	839821	49.216	ng		99
51) 2,6-Dinitrotoluene	14.01	165	182540	50.790	ng		91
52) Acenaphthene	14.49	154	586833	48.463	ng		99
53) 3-Nitroaniline	14.34	138	111771	33.508	ng		96
54) 2,4-Dinitrophenol	14.55	184	170950	93.376	ng		92
55) Dibenzofuran	14.82	168	991812	48.559	ng		96
56) 4-Nitrophenol	14.65	139	82271	28.907	ng		88
57) 2,4-Dinitrotoluene	14.80	165	263466	53.949	ng		92
58) Fluorene	15.47	166	825650	49.220	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	191743	40.459	ng		97
60) Diethylphthalate	15.24	149	837007	48.687	ng		100
61) 4-Chlorophenyl-phenylether	15.46	204	461189	48.523	ng		96
62) 4-Nitroaniline	15.51	138	169457	46.033	ng		93
63) Azobenzene	15.76	77	924098	45.564	ng		98
65) 4,6-Dinitro-2-methylphenol	15.56	198	112124	43.844	ng		99
66) n-Nitrosodiphenylamine	15.69	169	730384	48.158	ng		98
67) 4-Bromophenyl-phenylether	16.36	248	294800	46.643	ng		96
68) Hexachlorobenzene	16.46	284	339524	46.682	ng		97
69) Atrazine	16.64	200	248110	41.861	ng		99
70) Pentachlorophenol	16.82	266	339636	81.616	ng		98
71) Phenanthrene	17.22	178	1372233	48.230	ng		100
72) Anthracene	17.30	178	1397509	49.127	ng		100
73) Carbazole	17.58	167	1272754	49.586	ng		98
74) Di-n-butylphthalate	18.13	149	1506542	48.771	ng		98
75) Fluoranthene	19.23	202	1799578	49.990	ng		100
77) Benzidine	19.42	184	274626	14.583	ng		99
78) Pyrene	19.60	202	1855676	46.924	ng		99
80) Butylbenzylphthalate	20.49	149	755606	52.541	ng		99
81) Benzo(a)anthracene	21.34	228	1916883	46.404	ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	524380	33.260	ng		99
83) Chrysene	21.40	228	1922320	47.984	ng		100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1106248	49.573	ng		98
85) Di-n-octyl phthalate	22.15	149	1960464	52.857	ng		97
86) Indeno(1,2,3-cd)pyrene	25.99	276	2187289	45.901	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	2107208	49.643	ng		100
89) Benzo(k)fluoranthene	23.00	252	2073412	53.550	ng		99
90) Benzo(a)pyrene	23.55	252	1987846	51.558	ng		98
91) Dibenzo(a,h)anthracene	26.00	278	1912934	47.709	ng		100
92) Benzo(g,h,i)perylene	26.71	276	1714539	45.040	ng		99

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

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