Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
Data File : BM020609.D
Acq On : 29 May 2019 21:02
Operator : JU/SJ
Sample : K2643-10MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-03-052319-AMS

Manual Integrations APPROVED
mohammad
5/30/2019 8:16:42 AM

Quant Time: May 30 02:33:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 02:15:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	56505	20.00	ng		0.00
21) Naphthalene-d8	10.42	136	185986	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	120265	20.00	ng		0.00
64) Phenanthrene-d10	17.04	188	291188	20.00	ng		0.00
76) Chrysene-d12	21.24	240	348271	20.00	ng		0.00
87) Perylene-d12	23.46	264	403081	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	393853	136.74	ng		0.00
7) Phenol-d6	6.80	99	464558	106.86	ng		0.00
23) Nitrobenzene-d5	8.80	82	402097	90.74	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	340969	141.51	ng		0.00
45) 2-Fluorobiphenyl	12.90	172	890290	92.89	ng		0.00
79) Terphenyl-d14	19.67	244	1759077	91.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	61603	40.872	ng	#	65
3) Pyridine	3.56	79	121747	27.800	ng		97
4) n-Nitrosodimethylamine	3.47	42	46325	43.341	ng		89
6) Aniline	6.97	93	52905	8.413	ng		96
8) 2-Chlorophenol	7.19	128	146320	41.545	ng		99
9) Benzaldehyde	6.79	77	65644m	23.652	ng		
10) Phenol	6.83	94	154877	32.992	ng		97
11) bis(2-Chloroethyl)ether	7.06	93	133714	38.169	ng		97
12) 1,3-Dichlorobenzene	7.51	146	172227	38.184	ng		99
13) 1,4-Dichlorobenzene	7.66	146	168980	37.481	ng		98
14) 1,2-Dichlorobenzene	7.97	146	169456	37.492	ng		97
15) Benzyl Alcohol	7.88	79	134631m	33.467	ng		
16) 2,2'-oxybis(1-Chloropropan	8.16	45	84695	34.688	ng		94
17) 2-Methylphenol	8.07	107	108913	35.142	ng		98
18) Hexachloroethane	8.68	117	71004	38.879	ng		96
19) n-Nitroso-di-n-propylamine	8.43	70	132215	34.251	ng		100
20) 3+4-Methylphenols	8.41	107	137940	33.189	ng		98
22) Acetophenone	8.46	105	222891	43.521	ng	#	99
24) Nitrobenzene	8.84	77	198514	45.363	ng		96
25) Isophorone	9.36	82	355870	43.162	ng		100
26) 2-Nitrophenol	9.55	139	64414	39.892	ng		96
27) 2,4-Dimethylphenol	9.60	122	110124	45.783	ng		98
28) bis(2-Chloroethoxy)methane	9.84	93	167341	38.989	ng		99
29) 2,4-Dichlorophenol	10.07	162	136387	42.632	ng		99
30) 1,2,4-Trichlorobenzene	10.27	180	192120	43.921	ng		98
31) Naphthalene	10.46	128	414264	43.138	ng		99
32) Benzoic acid	9.75	122	26814m	23.266	ng		
33) 4-Chloroaniline	10.62	127	21132m	5.513	ng		
34) Hexachlorobutadiene	10.72	225	153127	47.084	ng		98
35) Caprolactam	11.41	113	23860m	22.661	ng		
36) 4-Chloro-3-methylphenol	11.72	107	135159	38.823	ng		94
37) 2-Methylnaphthalene	12.09	142	304472	41.502	ng		99
38) 1-Methylnaphthalene	12.30	142	298956	42.058	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	254317	50.304	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	147518	61.650	ng		97
43) 2,4,6-Trichlorophenol	12.71	196	142108	45.422	ng		96
44) 2,4,5-Trichlorophenol	12.79	196	138611	47.443	ng		99
46) 1,1'-Biphenyl	13.11	154	429067	46.323	ng		99
47) 2-Chloronaphthalene	13.16	162	348089	44.332	ng		98
48) 2-Nitroaniline	13.39	65	82989	35.344	ng		91
49) Acenaphthylene	14.01	152	529283	44.326	ng		100
50) Dimethylphthalate	13.76	163	463179	43.481	ng		100
51) 2,6-Dinitrotoluene	13.89	165	95713	43.110	ng		92
52) Acenaphthene	14.35	154	316419	43.973	ng		100
53) 3-Nitroaniline	14.23	138	24390	16.469	ng	#	99
54) 2,4-Dinitrophenol	14.44	184	67021	50.946	ng		98
55) Dibenzofuran	14.69	168	560468	45.011	ng		98
56) 4-Nitrophenol	14.55	139	80753	57.744	ng		97
57) 2,4-Dinitrotoluene	14.68	165	130703	40.766	ng	#	85
58) Fluorene	15.34	166	447938	43.306	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	155067	45.613	ng		98
60) Diethylphthalate	15.12	149	447243	42.613	ng		100
61) 4-Chlorophenyl-phenylether	15.34	204	297314	45.024	ng		97
62) 4-Nitroaniline	15.40	138	52914m	28.353	ng		
63) Azobenzene	15.63	77	458709	44.915	ng		97
65) 4,6-Dinitro-2-methylphenol	15.44	198	57053	33.182	ng		96
66) n-Nitrosodiphenylamine	15.56	169	384090	48.647	ng		99
67) 4-Bromophenyl-phenylether	16.23	248	185223	47.749	ng		98
68) Hexachlorobenzene	16.33	284	223944	47.615	ng		99
69) Atrazine	16.52	200	149690	46.080	ng		99
70) Pentachlorophenol	16.69	266	248872	102.443	ng		99
71) Phenanthrene	17.09	178	717744	45.373	ng		99
72) Anthracene	17.17	178	687086	44.788	ng		99
73) Carbazole	17.46	167	550051	41.780	ng		99
74) Di-n-butylphthalate	18.00	149	702105	43.353	ng		99
75) Fluoranthene	19.10	202	958974	43.594	ng		99
77) Benzidine	19.33	184	39950m	6.242	ng		
78) Pyrene	19.47	202	977343	44.700	ng		99
80) Butylbenzylphthalate	20.37	149	304375	39.620	ng		100
81) Benzo(a)anthracene	21.22	228	1040082	43.150	ng		100
82) 3,3'-Dichlorobenzidine	21.17	252	239726	27.248	ng		98
83) Chrysene	21.27	228	1060190	45.519	ng		99
84) Bis(2-ethylhexyl)phthalate	21.14	149	455274	40.661	ng		100
85) Di-n-octyl phthalate	22.02	149	829553	42.617	ng		100
86) Indeno(1,2,3-cd)pyrene	25.71	276	1494460	53.067	ng		99
88) Benzo(b)fluoranthene	22.79	252	1181936	44.801	ng		99
89) Benzo(k)fluoranthene	22.84	252	1232335	48.129	ng		99
90) Benzo(a)pyrene	23.37	252	1177338	48.495	ng		99
91) Dibenzo(a,h)anthracene	25.73	278	1280990	51.546	ng		98
92) Benzo(g,h,i)perylene	26.41	276	1239639	53.812	ng		99

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

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