Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
Data File : BM020608.D
Acq On : 29 May 2019 20:25
Operator : JU/SJ
Sample : K2746-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : COMP-5.8.19MSD

Manual Integrations APPROVED
mohammad
5/30/2019 8:16:38 AM

Quant Time: May 30 02:32:00 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	7.62	152	57463	20.00	ng		0.00
21) Naphthalene-d8	10.41	136	201108	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	138810	20.00	ng		0.00
64) Phenanthrene-d10	17.04	188	352390	20.00	ng		0.00
76) Chrysene-d12	21.24	240	427771	20.00	ng		0.00
87) Perylene-d12	23.46	264	475960	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	393743	134.43	ng		0.00
7) Phenol-d6	6.80	99	537081	121.48	ng		0.00
23) Nitrobenzene-d5	8.80	82	366454	76.48	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	326975	117.57	ng		0.00
45) 2-Fluorobiphenyl	12.90	172	806712	72.92	ng		0.00
79) Terphenyl-d14	19.67	244	1624251	68.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	58528	38.185	ng		97
3) Pyridine	3.53	79	144553	32.254	ng		96
4) n-Nitrosodimethylamine	3.46	42	41973	38.614	ng	#	95
6) Aniline	6.97	93	93120	14.561	ng		98
8) 2-Chlorophenol	7.19	128	143522	40.071	ng		97
9) Benzaldehyde	6.79	77	43827m	15.528	ng		
10) Phenol	6.83	94	197954	41.465	ng		98
11) bis(2-Chloroethyl)ether	7.06	93	122399	34.357	ng		100
12) 1,3-Dichlorobenzene	7.51	146	161003	35.100	ng		98
13) 1,4-Dichlorobenzene	7.66	146	160950	35.105	ng		99
14) 1,2-Dichlorobenzene	7.97	146	161019	35.031	ng		97
15) Benzyl Alcohol	7.88	79	134308m	32.831	ng		
16) 2,2'-oxybis(1-Chloropropan	8.16	45	82381	33.177	ng		94
17) 2-Methylphenol	8.07	107	113414	35.985	ng		98
18) Hexachloroethane	8.68	117	67611	36.404	ng		97
19) n-Nitroso-di-n-propylamine	8.43	70	129608	33.016	ng		99
20) 3+4-Methylphenols	8.40	107	145018	34.310	ng		99
22) Acetophenone	8.46	105	208071	37.572	ng		98
24) Nitrobenzene	8.84	77	187529	39.631	ng		96
25) Isophorone	9.36	82	348270	39.064	ng		99
26) 2-Nitrophenol	9.54	139	66093	37.854	ng		97
27) 2,4-Dimethylphenol	9.60	122	111176	42.745	ng		97
28) bis(2-Chloroethoxy)methane	9.84	93	164787	35.507	ng		98
29) 2,4-Dichlorophenol	10.07	162	137218	39.667	ng		98
30) 1,2,4-Trichlorobenzene	10.27	180	187761	39.697	ng		96
31) Naphthalene	10.46	128	406031	39.102	ng		99
32) Benzoic acid	9.71	122	13763m	16.323	ng		
33) 4-Chloroaniline	10.60	127	54937m	13.255	ng		
34) Hexachlorobutadiene	10.72	225	146296	41.601	ng		98
35) Caprolactam	11.40	113	35686m	31.345	ng		
36) 4-Chloro-3-methylphenol	11.72	107	138367	36.756	ng		97
37) 2-Methylnaphthalene	12.09	142	301307	37.982	ng		98
38) 1-Methylnaphthalene	12.30	142	293518	38.188	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	246638	42.267	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	98704	39.238	ng	99
43) 2,4,6-Trichlorophenol	12.71	196	143655	39.782	ng	95
44) 2,4,5-Trichlorophenol	12.79	196	139701	41.428	ng	99
46) 1,1'-Biphenyl	13.11	154	415622	38.877	ng	98
47) 2-Chloronaphthalene	13.16	162	345517	38.125	ng	98
48) 2-Nitroaniline	13.39	65	82699	31.256	ng	96
49) Acenaphthylene	14.01	152	513230	37.239	ng	98
50) Dimethylphthalate	13.76	163	522751	42.517	ng	100
51) 2,6-Dinitrotoluene	13.89	165	93857	36.626	ng	91
52) Acenaphthene	14.35	154	305944	36.837	ng	97
53) 3-Nitroaniline	14.23	138	41391	21.595	ng	97
54) 2,4-Dinitrophenol	14.44	184	50805	37.209	ng	90
55) Dibenzofuran	14.69	168	550082	38.275	ng	98
56) 4-Nitrophenol	14.54	139	103033	62.877	ng	97
57) 2,4-Dinitrotoluene	14.68	165	130679	35.313	ng	93
58) Fluorene	15.34	166	435093	36.444	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.92	232	160802	40.981	ng	98
60) Diethylphthalate	15.12	149	431729	35.639	ng	100
61) 4-Chlorophenyl-phenylether	15.34	204	280301	36.777	ng	100
62) 4-Nitroaniline	15.40	138	52974m	24.593	ng	
63) Azobenzene	15.63	77	435735	36.965	ng	97
65) 4,6-Dinitro-2-methylphenol	15.44	198	61420	30.218	ng	97
66) n-Nitrosodiphenylamine	15.56	169	374359	39.180	ng	97
67) 4-Bromophenyl-phenylether	16.23	248	179662	38.271	ng	98
68) Hexachlorobenzene	16.33	284	222376	39.070	ng	98
69) Atrazine	16.52	200	145553	37.025	ng	98
70) Pentachlorophenol	16.69	266	264741	90.049	ng	99
71) Phenanthrene	17.09	178	714715	37.334	ng	99
72) Anthracene	17.17	178	669680	36.072	ng	99
73) Carbazole	17.46	167	565081	35.467	ng	100
74) Di-n-butylphthalate	18.00	149	708890	36.170	ng	99
75) Fluoranthene	19.10	202	991886	37.259	ng	99
77) Benzidine	19.32	184	119488m	15.199	ng	
78) Pyrene	19.47	202	1009695	37.597	ng	99
80) Butylbenzylphthalate	20.37	149	330043	34.977	ng	97
81) Benzo(a)anthracene	21.23	228	1058868	35.765	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	323855	29.969	ng	98
83) Chrysene	21.28	228	1090652	38.124	ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	489462	35.590	ng	98
85) Di-n-octyl phthalate	22.02	149	862312	36.067	ng	100
86) Indeno(1,2,3-cd)pyrene	25.71	276	1436833	41.539	ng	99
88) Benzo(b)fluoranthene	22.79	252	1148222	36.858	ng	99
89) Benzo(k)fluoranthene	22.84	252	1202442	39.770	ng	99
90) Benzo(a)pyrene	23.37	252	1131160	39.459	ng	99
91) Dibenzo(a,h)anthracene	25.73	278	1225224	41.753	ng	98
92) Benzo(g,h,i)perylene	26.41	276	1179401	43.357	ng	98

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

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