Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052819\
Data File : BM020578.D
Acq On : 28 May 2019 13:14
Operator : JU/SJ
Sample : K2641-12MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-051719MSD

Manual Integrations APPROVED
mohammad
5/29/2019 6:16:15 PM

Quant Time: May 28 16:00:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 16:07:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	55531	20.00	ng		-0.01
21) Naphthalene-d8	10.44	136	180463	20.00	ng		-0.01
39) Acenaphthene-d10	14.31	164	118442	20.00	ng		-0.01
64) Phenanthrene-d10	17.07	188	300766	20.00	ng		0.00
76) Chrysene-d12	21.26	240	363668	20.00	ng		-0.01
87) Perylene-d12	23.50	264	399932	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	400896	141.63	ng		0.00
7) Phenol-d6	6.83	99	475510	111.30	ng		-0.01
23) Nitrobenzene-d5	8.83	82	392179	91.21	ng		-0.01
42) 2,4,6-Tribromophenol	15.81	330	317826	133.94	ng		-0.01
45) 2-Fluorobiphenyl	12.92	172	830529	87.99	ng		-0.01
79) Terphenyl-d14	19.70	244	1796007	89.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	60829	41.067	ng	#	77
3) Pyridine	3.58	79	98846	23.177	ng		98
4) n-Nitrosodimethylamine	3.49	42	45747	43.551	ng		87
6) Aniline	7.00	93	52716	8.530	ng		97
8) 2-Chlorophenol	7.22	128	141969	41.017	ng		99
9) Benzaldehyde	6.86	77	9950m	3.648	ng		
10) Phenol	6.86	94	160492	34.788	ng		98
11) bis(2-Chloroethyl)ether	7.09	93	134579	39.090	ng		96
12) 1,3-Dichlorobenzene	7.53	146	149760	33.785	ng		97
13) 1,4-Dichlorobenzene	7.69	146	150228	33.906	ng		97
14) 1,2-Dichlorobenzene	8.00	146	154313	34.740	ng		99
15) Benzyl Alcohol	7.91	79	126778	32.068	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.17	45	89518	37.306	ng		98
17) 2-Methylphenol	8.10	107	103822	34.087	ng		96
18) Hexachloroethane	8.71	117	61507	34.269	ng		95
19) n-Nitroso-di-n-propylamine	8.46	70	128744	33.937	ng		97
20) 3+4-Methylphenols	8.43	107	126096	30.871	ng		99
22) Acetophenone	8.49	105	216494	43.565	ng	#	99
24) Nitrobenzene	8.87	77	186044	43.815	ng		96
25) Isophorone	9.38	82	342808	42.850	ng		99
26) 2-Nitrophenol	9.57	139	63643	40.621	ng		97
27) 2,4-Dimethylphenol	9.63	122	103985	44.554	ng		97
28) bis(2-Chloroethoxy)methane	9.87	93	164561	39.515	ng		99
29) 2,4-Dichlorophenol	10.10	162	119305	38.434	ng		96
30) 1,2,4-Trichlorobenzene	10.30	180	172809	40.715	ng		99
31) Naphthalene	10.49	128	390599	41.919	ng		99
32) Benzoic acid	9.77	122	23376	21.924	ng		90
33) 4-Chloroaniline	10.66	127	13161m	3.539	ng		
34) Hexachlorobutadiene	10.75	225	132237	41.905	ng		99
35) Caprolactam	11.45	113	29294m	28.674	ng		
36) 4-Chloro-3-methylphenol	11.75	107	126444	37.432	ng		95
37) 2-Methylnaphthalene	12.11	142	290733	40.842	ng		99
38) 1-Methylnaphthalene	12.33	142	283956	41.170	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	233078	46.812	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	207350	84.432	ng		98
43) 2,4,6-Trichlorophenol	12.74	196	130511	42.357	ng		97
44) 2,4,5-Trichlorophenol	12.82	196	118143	41.060	ng		98
46) 1,1'-Biphenyl	13.14	154	410730	45.026	ng		99
47) 2-Chloronaphthalene	13.18	162	331858	42.915	ng		97
48) 2-Nitroaniline	13.42	65	77899	33.941	ng		96
49) Acenaphthylene	14.03	152	504244	42.879	ng		99
50) Dimethylphthalate	13.77	163	431221	41.104	ng		99
51) 2,6-Dinitrotoluene	13.91	165	91168	41.695	ng		92
52) Acenaphthene	14.37	154	302771	42.724	ng		99
53) 3-Nitroaniline	14.27	138	18985	14.184	ng		93
54) 2,4-Dinitrophenol	14.47	184	91002	66.102	ng		98
55) Dibenzofuran	14.72	168	531615	43.351	ng		98
56) 4-Nitrophenol	14.57	139	70988	52.515	ng		92
57) 2,4-Dinitrotoluene	14.71	165	127016	40.226	ng	#	90
58) Fluorene	15.36	166	427283	41.945	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	144123	43.047	ng		98
60) Diethylphthalate	15.14	149	427482	41.357	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	271796	41.793	ng		98
62) 4-Nitroaniline	15.43	138	43162	23.483	ng		96
63) Azobenzene	15.66	77	430954	42.847	ng		98
65) 4,6-Dinitro-2-methylphenol	15.47	198	72840	39.520	ng		96
66) n-Nitrosodiphenylamine	15.59	169	367023	45.005	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	176811	44.129	ng		98
68) Hexachlorobenzene	16.36	284	211226	43.481	ng		98
69) Atrazine	16.54	200	119863	35.723	ng		98
70) Pentachlorophenol	16.72	266	233470	93.042	ng		98
71) Phenanthrene	17.11	178	712728	43.621	ng		99
72) Anthracene	17.20	178	683769	43.153	ng		99
73) Carbazole	17.49	167	547248	40.244	ng		98
74) Di-n-butylphthalate	18.03	149	722089	43.167	ng		99
75) Fluoranthene	19.13	202	971102	42.740	ng		100
77) Benzidine	19.39	184	15216m	2.277	ng		
78) Pyrene	19.50	202	988254	43.285	ng		99
80) Butylbenzylphthalate	20.40	149	343614	42.834	ng		99
81) Benzo(a)anthracene	21.25	228	1033064	41.044	ng		100
82) 3,3'-Dichlorobenzidine	21.20	252	160452	17.465	ng		99
83) Chrysene	21.30	228	1076161	44.248	ng		99
84) Bis(2-ethylhexyl)phthalate	21.16	149	529362	45.276	ng		100
85) Di-n-octyl phthalate	22.04	149	947887	46.635	ng		100
86) Indeno(1,2,3-cd)pyrene	25.77	276	1409885	47.944	ng		100
88) Benzo(b)fluoranthene	22.83	252	1174679	44.876	ng		99
89) Benzo(k)fluoranthene	22.87	252	1163757	45.808	ng		99
90) Benzo(a)pyrene	23.41	252	1130306	46.924	ng		99
91) Dibenzo(a,h)anthracene	25.78	278	1206232	48.920	ng		99
92) Benzo(g,h,i)perylene	26.47	276	1167283	51.070	ng		99

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

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