Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
Data File : BM020316.D
Acq On : 13 May 2019 15:09
Operator : JU/SJ
Sample : K2763-21MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P021-SS008-0206-01MSD

Manual Integrations APPROVED
mohammad
5/14/2019 11:11:48 PM

Quant Time: May 14 04:05:33 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	7.76	152	49526	20.00	ng		-0.04
21) Naphthalene-d8	10.55	136	174308	20.00	ng		-0.04
39) Acenaphthene-d10	14.40	164	110163	20.00	ng		-0.03
64) Phenanthrene-d10	17.16	188	261213	20.00	ng		-0.02
76) Chrysene-d12	21.35	240	251652	20.00	ng		-0.02
87) Perylene-d12	23.63	264	261388	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	348750	115.10	ng		-0.02
7) Phenol-d6	6.93	99	479539	115.85	ng		-0.02
23) Nitrobenzene-d5	8.93	82	336674	76.26	ng		-0.03
42) 2,4,6-Tribromophenol	15.90	330	207090	121.11	ng		-0.02
45) 2-Fluorobiphenyl	13.02	172	633641	70.77	ng		-0.04
79) Terphenyl-d14	19.79	244	1082888	75.06	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	48645	32.736	ng		91
3) Pyridine	3.68	79	82864	21.804	ng		92
4) n-Nitrosodimethylamine	3.60	42	39722	32.594	ng	#	51
6) Aniline	7.10	93	44646	8.568	ng		94
8) 2-Chlorophenol	7.32	128	125810	38.135	ng		98
9) Benzaldehyde	6.92	77	64562	20.608	ng		91
10) Phenol	6.96	94	171196	38.419	ng		90
11) bis(2-Chloroethyl)ether	7.19	93	127049	39.228	ng		94
12) 1,3-Dichlorobenzene	7.65	146	135614	35.330	ng		93
13) 1,4-Dichlorobenzene	7.79	146	140547	36.246	ng		96
14) 1,2-Dichlorobenzene	8.10	146	135525	36.685	ng		96
15) Benzyl Alcohol	8.00	79	126777	31.763	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.28	45	96117	35.791	ng		99
17) 2-Methylphenol	8.20	107	104908	36.573	ng		93
18) Hexachloroethane	8.82	117	52512	32.479	ng		99
19) n-Nitroso-di-n-propylamine	8.56	70	123739	34.941	ng		94
20) 3+4-Methylphenols	8.53	107	134226	35.208	ng		95
22) Acetophenone	8.59	105	201197	42.234	ng	#	95
24) Nitrobenzene	8.97	77	173831	37.973	ng		93
25) Isophorone	9.49	82	308329	40.496	ng		97
26) 2-Nitrophenol	9.67	139	63820	46.179	ng		90
27) 2,4-Dimethylphenol	9.73	122	89410	38.860	ng		98
28) bis(2-Chloroethoxy)methane	9.97	93	167781	40.461	ng		99
29) 2,4-Dichlorophenol	10.20	162	118523	40.852	ng		98
30) 1,2,4-Trichlorobenzene	10.41	180	140464	39.347	ng		98
31) Naphthalene	10.60	128	367059	40.579	ng		99
32) Benzoic acid	9.83	122	29242	22.013	ng	#	84
33) 4-Chloroaniline	10.73	127	39247	10.542	ng		96
34) Hexachlorobutadiene	10.86	225	88386	34.999	ng		99
35) Caprolactam	11.53	113	28315m	32.639	ng		
36) 4-Chloro-3-methylphenol	11.85	107	131438	38.551	ng		94
37) 2-Methylnaphthalene	12.22	142	263897	40.018	ng		96
38) 1-Methylnaphthalene	12.44	142	254524	39.470	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	162662	37.741	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	180418	71.094	ng		96
43) 2,4,6-Trichlorophenol	12.83	196	107035	43.697	ng		98
44) 2,4,5-Trichlorophenol	12.90	196	109335	39.955	ng		98
46) 1,1'-Biphenyl	13.23	154	342875	37.814	ng		99
47) 2-Chloronaphthalene	13.28	162	277789	38.370	ng		98
48) 2-Nitroaniline	13.50	65	90748	35.209	ng		91
49) Acenaphthylene	14.13	152	434780	37.525	ng		98
50) Dimethylphthalate	13.87	163	500203	53.423	ng		99
51) 2,6-Dinitrotoluene	14.00	165	80301	40.720	ng		86
52) Acenaphthene	14.47	154	255288	38.423	ng		98
53) 3-Nitroaniline	14.33	138	34631	18.921	ng		94
54) 2,4-Dinitrophenol	14.54	184	70233	72.043	ng		88
55) Dibenzofuran	14.81	168	426651	38.069	ng		97
56) 4-Nitrophenol	14.64	139	102592	65.696	ng		84
57) 2,4-Dinitrotoluene	14.79	165	110490	41.233	ng	#	92
58) Fluorene	15.46	166	338017	36.724	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	109931	42.274	ng		97
60) Diethylphthalate	15.23	149	366542	38.857	ng		100
61) 4-Chlorophenyl-phenylether	15.45	204	195658	37.517	ng		94
62) 4-Nitroaniline	15.50	138	63916m	31.643	ng		
63) Azobenzene	15.74	77	377578	33.929	ng		98
65) 4,6-Dinitro-2-methylphenol	15.54	198	54631	42.428	ng		96
66) n-Nitrosodiphenylamine	15.67	169	295616	38.460	ng		98
67) 4-Bromophenyl-phenylether	16.34	248	122363	38.201	ng		96
68) Hexachlorobenzene	16.45	284	141519	38.394	ng		96
69) Atrazine	16.62	200	120211	40.020	ng		99
70) Pentachlorophenol	16.80	266	168691	79.987	ng		98
71) Phenanthrene	17.20	178	540341	37.474	ng		99
72) Anthracene	17.29	178	540511	37.492	ng		99
73) Carbazole	17.57	167	495481	38.090	ng		99
74) Di-n-butylphthalate	18.12	149	593682	37.923	ng		97
75) Fluoranthene	19.22	202	654915	35.898	ng		100
77) Benzidine	19.42	184	12135m	1.508	ng		
78) Pyrene	19.59	202	663392	39.264	ng		100
80) Butylbenzylphthalate	20.48	149	268846	43.757	ng		99
81) Benzo(a)anthracene	21.33	228	628184	35.595	ng		99
82) 3,3'-Dichlorobenzidine	21.27	252	102429	15.207	ng		99
83) Chrysene	21.39	228	621610	36.318	ng		100
84) Bis(2-ethylhexyl)phthalate	21.25	149	408947	42.893	ng		99
85) Di-n-octyl phthalate	22.14	149	700919	44.233	ng		98
86) Indeno(1,2,3-cd)pyrene	25.96	276	732972	36.003	ng	#	100
88) Benzo(b)fluoranthene	22.94	252	635419	36.813	ng		99
89) Benzo(k)fluoranthene	22.99	252	631557	40.112	ng		99
90) Benzo(a)pyrene	23.53	252	603616	38.500	ng		99
91) Dibenzo(a,h)anthracene	25.97	278	634043	38.887	ng		98
92) Benzo(g,h,i)perylene	26.67	276	600617	38.800	ng		96

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

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