Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020559.D
Acq On : 25 May 2019 02:08
Operator : JU/SJ
Sample : PB119991BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119991BS

Manual Integrations APPROVED
mohammad
5/27/2019 4:00:17 AM

Quant Time: May 25 06:29:21 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	7.66	152	43311	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	169672	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	129488	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	368669	20.00	ng		0.00
76) Chrysene-d12	21.26	240	475817	20.00	ng		-0.01
87) Perylene-d12	23.50	264	496016	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	389947	176.63	ng		0.00
7) Phenol-d6	6.84	99	551913	165.63	ng		0.00
23) Nitrobenzene-d5	8.83	82	367438	90.90	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	403687	155.61	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	921012	89.25	ng		0.00
79) Terphenyl-d14	19.70	244	2388235	90.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	63786	55.213	ng		97
3) Pyridine	3.57	79	117617	34.722	ng		99
4) n-Nitrosodimethylamine	3.49	42	34355	41.933	ng	#	83
6) Aniline	7.00	93	145756	30.239	ng		98
8) 2-Chlorophenol	7.22	128	127475	47.220	ng		97
9) Benzaldehyde	6.82	77	68290	32.101	ng		97
10) Phenol	6.87	94	174229	48.421	ng		95
11) bis(2-Chloroethyl)ether	7.10	93	103494	38.542	ng		98
12) 1,3-Dichlorobenzene	7.55	146	136230	39.404	ng		97
13) 1,4-Dichlorobenzene	7.69	146	135196	39.123	ng		97
14) 1,2-Dichlorobenzene	8.00	146	139658	40.312	ng		98
15) Benzyl Alcohol	7.92	79	122440	39.709	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.18	45	71126	38.004	ng		92
17) 2-Methylphenol	8.11	107	106087	44.658	ng		98
18) Hexachloroethane	8.72	117	56951	40.684	ng		92
19) n-Nitroso-di-n-propylamine	8.47	70	115659	39.090	ng		98
20) 3+4-Methylphenols	8.44	107	137169	43.057	ng		98
22) Acetophenone	8.49	105	192596	41.221	ng	#	96
24) Nitrobenzene	8.87	77	174753	43.773	ng		96
25) Isophorone	9.39	82	322467	42.871	ng		99
26) 2-Nitrophenol	9.57	139	58579	39.767	ng		97
27) 2,4-Dimethylphenol	9.63	122	108903	49.628	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	157462	40.215	ng		99
29) 2,4-Dichlorophenol	10.10	162	134664	46.141	ng		98
30) 1,2,4-Trichlorobenzene	10.31	180	165560	41.488	ng		99
31) Naphthalene	10.50	128	376837	43.014	ng		98
32) Benzoic acid	9.80	122	45216	34.478	ng		99
33) 4-Chloroaniline	10.64	127	70109	20.050	ng		97
34) Hexachlorobutadiene	10.76	225	124897	42.097	ng		99
35) Caprolactam	11.44	113	39482m	41.104	ng		
36) 4-Chloro-3-methylphenol	11.76	107	143825	45.285	ng		97
37) 2-Methylnaphthalene	12.12	142	294814	44.049	ng		99
38) 1-Methylnaphthalene	12.34	142	283736	43.754	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	235072	43.185	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	276519	101.163 ng	99
43) 2,4,6-Trichlorophenol	12.75	196	145318	43.139 ng	96
44) 2,4,5-Trichlorophenol	12.82	196	140157	44.556 ng	99
46) 1,1'-Biphenyl	13.15	154	427555	42.872 ng	99
47) 2-Chloronaphthalene	13.19	162	348228	41.191 ng	99
48) 2-Nitroaniline	13.42	65	94929	37.211 ng	96
49) Acenaphthylene	14.04	152	553604	43.060 ng	100
50) Dimethylphthalate	13.79	163	478779	41.744 ng	99
51) 2,6-Dinitrotoluene	13.92	165	102649	42.941 ng	92
52) Acenaphthene	14.38	154	324097	41.832 ng	99
53) 3-Nitroaniline	14.26	138	48519	25.707 ng	96
54) 2,4-Dinitrophenol	14.47	184	118733	76.775 ng	97
55) Dibenzofuran	14.72	168	593507	44.269 ng	99
56) 4-Nitrophenol	14.57	139	123557	78.245 ng	96
57) 2,4-Dinitrotoluene	14.72	165	150367	43.559 ng	93
58) Fluorene	15.37	166	485809	43.622 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	171307	46.801 ng	98
60) Diethylphthalate	15.14	149	480197	42.494 ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	307405	43.236 ng	99
62) 4-Nitroaniline	15.43	138	66136	32.913 ng	99
63) Azobenzene	15.66	77	494907	45.008 ng	98
65) 4,6-Dinitro-2-methylphenol	15.47	198	89713	39.679 ng	98
66) n-Nitrosodiphenylamine	15.59	169	434905	43.507 ng	100
67) 4-Bromophenyl-phenylether	16.26	248	204882	41.717 ng	98
68) Hexachlorobenzene	16.36	284	246735	41.435 ng	100
69) Atrazine	16.54	200	178401	43.376 ng	99
70) Pentachlorophenol	16.72	266	291172	94.666 ng	99
71) Phenanthrene	17.12	178	851812	42.531 ng	100
72) Anthracene	17.20	178	831405	42.806 ng	100
73) Carbazole	17.49	167	705245	42.310 ng	100
74) Di-n-butylphthalate	18.03	149	838222	40.880 ng	100
75) Fluoranthene	19.13	202	1204611	43.252 ng	100
77) Benzidine	19.34	184	371462	42.480 ng	100
78) Pyrene	19.50	202	1247969	41.777 ng	100
80) Butylbenzylphthalate	20.40	149	425566	40.546 ng	98
81) Benzo(a)anthracene	21.24	228	1340695	40.711 ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	353987	29.450 ng	100
83) Chrysene	21.30	228	1368947	43.020 ng	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	622436	40.689 ng	99
85) Di-n-octyl phthalate	22.04	149	1110434	41.755 ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	1544941	40.154 ng	100
88) Benzo(b)fluoranthene	22.82	252	1459855	44.967 ng	98
89) Benzo(k)fluoranthene	22.87	252	1469205	46.629 ng	99
90) Benzo(a)pyrene	23.40	252	1394403	46.675 ng	100
91) Dibenzo(a,h)anthracene	25.77	278	1333390	43.602 ng	99
92) Benzo(g,h,i)perylene	26.46	276	1244803	43.911 ng	100

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

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