Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061520\
Data File : BM026391.D
Acq On : 15 Jun 2020 14:55
Operator : JU/CG
Sample : PB129539BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB129539BS

Manual Integrations APPROVED
mohammad
6/16/2020 11:05:33 AM

Quant Time: Jun 15 16:18:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 12:22:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	97742	20.00	ng		0.00
21) Naphthalene-d8	10.16	136	396756	20.00	ng		0.00
39) Acenaphthene-d10	14.06	164	241926	20.00	ng		0.00
64) Phenanthrene-d10	16.81	188	522588	20.00	ng		0.00
76) Chrysene-d12	21.02	240	563308	20.00	ng		0.00
86) Perylene-d12	23.12	264	586072	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	821127	148.53	ng		0.00
7) Phenol-d6	6.62	99	1110936	138.78	ng		0.00
23) Nitrobenzene-d5	8.55	82	730852	90.45	ng		0.00
42) 2,4,6-Tribromophenol	15.56	330	414919	141.58	ng		0.00
45) 2-Fluorobiphenyl	12.67	172	1471430	92.32	ng		0.00
79) Terphenyl-d14	19.47	244	2462048	84.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.02	88	104160	41.790	ng		96
3) Pyridine	3.40	79	281892	38.506	ng		99
4) n-Nitrosodimethylamine	3.32	42	166900	46.046	ng		98
6) Aniline	6.75	93	417984	39.807	ng		98
8) 2-Chlorophenol	6.98	128	315962	49.551	ng		100
9) Benzaldehyde	6.56	77	202988	39.767	ng		97
10) Phenol	6.64	94	424642	49.810	ng		97
11) bis(2-Chloroethyl)ether	6.85	93	306175	44.588	ng		98
12) 1,3-Dichlorobenzene	7.29	146	327982	46.458	ng		97
13) 1,4-Dichlorobenzene	7.44	146	338876	47.125	ng		98
14) 1,2-Dichlorobenzene	7.75	146	325515	46.341	ng		99
15) Benzyl Alcohol	7.66	79	303879	44.703	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.95	45	542558	42.307	ng		99
17) 2-Methylphenol	7.86	107	275149	44.158	ng		99
18) Hexachloroethane	8.46	117	129839	47.676	ng		98
19) n-Nitroso-di-n-propylamine	8.22	70	275271	44.127	ng		97
20) 3+4-Methylphenols	8.19	107	372701	43.886	ng		98
22) Acetophenone	8.22	105	472029	46.268	ng	#	96
24) Nitrobenzene	8.59	77	395283	46.729	ng		99
25) Isophorone	9.12	82	700809	46.164	ng		99
26) 2-Nitrophenol	9.30	139	168555	50.349	ng		95
27) 2,4-Dimethylphenol	9.37	122	277151	52.442	ng		96
28) bis(2-Chloroethoxy)methane	9.60	93	407982	47.369	ng		99
29) 2,4-Dichlorophenol	9.83	162	291640	50.295	ng		97
30) 1,2,4-Trichlorobenzene	10.03	180	302684	47.603	ng		99
31) Naphthalene	10.22	128	944658	47.248	ng		100
32) Benzoic acid	9.55	122	138782	34.307	ng		99
33) 4-Chloroaniline	10.34	127	232758	26.691	ng		99
34) Hexachlorobutadiene	10.50	225	187060	46.600	ng		99
35) Caprolactam	11.13	113	100161m	49.166	ng		
36) 4-Chloro-3-methylphenol	11.48	107	351257	49.713	ng		99
37) 2-Methylnaphthalene	11.84	142	679974	47.725	ng		100
38) 1-Methylnaphthalene	12.06	142	649455	48.119	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.22	216	344441	50.016	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.20	237	434733	107.122 ng	97
43) 2,4,6-Trichlorophenol	12.47	196	235172	50.453 ng	98
44) 2,4,5-Trichlorophenol	12.55	196	255955	47.306 ng	99
46) 1,1'-Biphenyl	12.88	154	850502	50.144 ng	99
47) 2-Chloronaphthalene	12.92	162	664341	48.222 ng	99
48) 2-Nitroaniline	13.14	65	260493	47.709 ng	99
49) Acenaphthylene	13.77	152	1067926	48.465 ng	100
50) Dimethylphthalate	13.54	163	849992	48.035 ng	100
51) 2,6-Dinitrotoluene	13.65	165	187183	48.207 ng	98
52) Acenaphthene	14.12	154	638720	48.284 ng	99
53) 3-Nitroaniline	13.98	138	142824	33.032 ng	95
54) 2,4-Dinitrophenol	14.20	184	231258	97.994 ng	99
55) Dibenzofuran	14.46	168	1014950	47.619 ng	100
56) 4-Nitrophenol	14.32	139	334405	97.526 ng	96
57) 2,4-Dinitrotoluene	14.45	165	267441	49.536 ng	99
58) Fluorene	15.12	166	834931	48.228 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.70	232	234082	50.581 ng	100
60) Diethylphthalate	14.92	149	855949	47.491 ng	99
61) 4-Chlorophenyl-phenylether	15.12	204	424762	46.257 ng	99
62) 4-Nitroaniline	15.16	138	208117	45.133 ng	97
63) Azobenzene	15.42	77	949130	48.131 ng	99
65) 4,6-Dinitro-2-methylphenol	15.22	198	159263	50.117 ng	98
66) n-Nitrosodiphenylamine	15.34	169	735831	48.605 ng	99
67) 4-Bromophenyl-phenylether	16.02	248	260014	45.197 ng	99
68) Hexachlorobenzene	16.13	284	288521	48.063 ng	98
69) Atrazine	16.31	200	244907	54.149 ng	99
70) Pentachlorophenol	16.48	266	356372	98.582 ng	99
71) Phenanthrene	16.86	178	1313912	48.281 ng	99
72) Anthracene	16.94	178	1346673	49.582 ng	100
73) Carbazole	17.22	167	1226445	47.617 ng	99
74) Di-n-butylphthalate	17.81	149	1503249	49.490 ng	100
75) Fluoranthene	18.88	202	1592575	51.043 ng	99
77) Benzidine	19.08	184	919799	78.610 ng	100
78) Pyrene	19.24	202	1609197	43.235 ng	99
80) Butylbenzylphthalate	20.18	149	693395	46.069 ng	99
81) Benzo(a)anthracene	21.01	228	1581835	46.783 ng	99
82) 3,3'-Dichlorobenzidine	20.95	252	417441	39.904 ng	100
83) Chrysene	21.06	228	1553351	48.208 ng	99
84) Bis(2-ethylhexyl)phthalate	20.97	149	1043609	48.628 ng	99
85) Di-n-octyl phthalate	21.82	149	1797837	54.304 ng	99
87) Indeno(1,2,3-cd)pyrene	25.17	276	1895494	55.911 ng	99
88) Benzo(b)fluoranthene	22.50	252	1692040	47.994 ng	99
89) Benzo(k)fluoranthene	22.54	252	1560887	45.571 ng	99
90) Benzo(a)pyrene	23.03	252	1495520	47.761 ng	100
91) Dibenzo(a,h)anthracene	25.17	278	1595335	56.366 ng	100
92) Benzo(g,h,i)perylene	25.79	276	1543841	57.321 ng	100

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

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