Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061520\
Data File : BM026387.D
Acq On : 15 Jun 2020 12:27
Operator : JU/CG
Sample : PB129511BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB129511BS

Manual Integrations APPROVED
mohammad
6/16/2020 11:05:28 AM

Quant Time: Jun 15 13:46:32 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	97345	20.00	ng	0.00
21) Naphthalene-d8	10.16	136	395813	20.00	ng	0.00
39) Acenaphthene-d10	14.06	164	244663	20.00	ng	0.00
64) Phenanthrene-d10	16.82	188	534105	20.00	ng	0.00
76) Chrysene-d12	21.03	240	566987	20.00	ng	0.00
86) Perylene-d12	23.12	264	581304	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	820822	149.08	ng	0.00
7) Phenol-d6	6.62	99	1112044	139.48	ng	0.00
23) Nitrobenzene-d5	8.56	82	721367	89.48	ng	0.00
42) 2,4,6-Tribromophenol	15.57	330	421786	142.32	ng	0.00
45) 2-Fluorobiphenyl	12.67	172	1495513	92.79	ng	0.00
79) Terphenyl-d14	19.47	244	2472743	84.66	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	104067	41.923	ng	99
3) Pyridine	3.40	79	279754	38.370	ng	99
4) n-Nitrosodimethylamine	3.32	42	165917	45.961	ng	95
6) Aniline	6.75	93	422428	40.395	ng	98
8) 2-Chlorophenol	6.98	128	311873	49.109	ng	97
9) Benzaldehyde	6.56	77	201283	39.593	ng	98
10) Phenol	6.64	94	431550	50.827	ng	99
11) bis(2-Chloroethyl)ether	6.85	93	301697	44.115	ng	99
12) 1,3-Dichlorobenzene	7.29	146	322404	45.854	ng	100
13) 1,4-Dichlorobenzene	7.44	146	326816	45.633	ng	99
14) 1,2-Dichlorobenzene	7.75	146	318237	45.489	ng	98
15) Benzyl Alcohol	7.66	79	302544	44.688	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.95	45	546622	42.798	ng	99
17) 2-Methylphenol	7.87	107	274998	44.314	ng	99
18) Hexachloroethane	8.46	117	127046	46.841	ng	99
19) n-Nitroso-di-n-propylamine	8.22	70	275412	44.330	ng	98
20) 3+4-Methylphenols	8.19	107	378025	44.694	ng	96
22) Acetophenone	8.23	105	472167	46.392	ng	99
24) Nitrobenzene	8.60	77	394034	46.693	ng	99
25) Isophorone	9.12	82	700964	46.284	ng	99
26) 2-Nitrophenol	9.30	139	167972	50.295	ng	96
27) 2,4-Dimethylphenol	9.38	122	284389	53.939	ng	99
28) bis(2-Chloroethoxy)methane	9.60	93	409048	47.606	ng	99
29) 2,4-Dichlorophenol	9.83	162	295872	51.146	ng	99
30) 1,2,4-Trichlorobenzene	10.04	180	298960	47.129	ng	98
31) Naphthalene	10.22	128	936843	46.968	ng	99
32) Benzoic acid	9.55	122	146257	35.950	ng	98
33) 4-Chloroaniline	10.34	127	244086	28.057	ng	99
34) Hexachlorobutadiene	10.50	225	185789	46.394	ng	98
35) Caprolactam	11.13	113	101733m	50.057	ng	
36) 4-Chloro-3-methylphenol	11.49	107	352381	49.991	ng	98
37) 2-Methylnaphthalene	11.84	142	682185	47.995	ng	100
38) 1-Methylnaphthalene	12.06	142	646929	48.046	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.22	216	343121	49.267	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.20	237	432204	105.307	ng	99
43) 2,4,6-Trichlorophenol	12.48	196	237754	50.436	ng	99
44) 2,4,5-Trichlorophenol	12.55	196	255710	46.732	ng	99
46) 1,1'-Biphenyl	12.89	154	848501	49.467	ng	99
47) 2-Chloronaphthalene	12.92	162	667991	47.945	ng	98
48) 2-Nitroaniline	13.14	65	265848	48.145	ng	99
49) Acenaphthylene	13.77	152	1072102	48.110	ng	99
50) Dimethylphthalate	13.54	163	859359	48.021	ng	99
51) 2,6-Dinitrotoluene	13.65	165	191372	48.734	ng	97
52) Acenaphthene	14.13	154	642188	48.004	ng	99
53) 3-Nitroaniline	13.98	138	144887	33.134	ng	98
54) 2,4-Dinitrophenol	14.20	184	235056	98.489	ng	97
55) Dibenzofuran	14.46	168	1031899	47.873	ng	100
56) 4-Nitrophenol	14.32	139	335668	96.800	ng	98
57) 2,4-Dinitrotoluene	14.45	165	269747	49.404	ng	98
58) Fluorene	15.12	166	846807	48.367	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.70	232	234716	50.150	ng	100
60) Diethylphthalate	14.92	149	875848	48.051	ng	99
61) 4-Chlorophenyl-phenylether	15.12	204	428009	46.089	ng	97
62) 4-Nitroaniline	15.16	138	213816	45.850	ng	98
63) Azobenzene	15.42	77	966539	48.465	ng	100
65) 4,6-Dinitro-2-methylphenol	15.22	198	161902	49.849	ng	95
66) n-Nitrosodiphenylamine	15.34	169	744332	48.106	ng	98
67) 4-Bromophenyl-phenylether	16.02	248	265601	45.173	ng	98
68) Hexachlorobenzene	16.13	284	292945	47.748	ng	99
69) Atrazine	16.31	200	247070	53.450	ng	99
70) Pentachlorophenol	16.48	266	362150	98.020	ng	99
71) Phenanthrene	16.86	178	1331686	47.878	ng	99
72) Anthracene	16.95	178	1357346	48.897	ng	99
73) Carbazole	17.23	167	1245393	47.310	ng	99
74) Di-n-butylphthalate	17.81	149	1521531	49.012	ng	99
75) Fluoranthene	18.89	202	1593596	49.975	ng	98
77) Benzidine	19.09	184	948375	80.526	ng	99
78) Pyrene	19.24	202	1615441	43.121	ng	100
80) Butylbenzylphthalate	20.18	149	696688	45.988	ng	99
81) Benzo(a)anthracene	21.01	228	1598399	46.966	ng	100
82) 3,3'-Dichlorobenzidine	20.95	252	412208	39.148	ng	99
83) Chrysene	21.06	228	1564739	48.247	ng	100
84) Bis(2-ethylhexyl)phthalate	20.97	149	1059068	49.028	ng	98
85) Di-n-octyl phthalate	21.82	149	1809469	54.301	ng	99
87) Indeno(1,2,3-cd)pyrene	25.17	276	1881424	55.951	ng	100
88) Benzo(b)fluoranthene	22.50	252	1669741	47.750	ng	100
89) Benzo(k)fluoranthene	22.54	252	1570190	46.219	ng	99
90) Benzo(a)pyrene	23.03	252	1481652	47.706	ng	99
91) Dibenzo(a,h)anthracene	25.17	278	1583403	56.403	ng	100
92) Benzo(g,h,i)perylene	25.79	276	1538099	57.577	ng	100

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

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